

## *Preface*

This report is submitted in fulfillment of the State Board of Regents' statutory obligation to report annually to the Governor and the Legislature of the State of Utah.

The report contains important statistical data and describes activities and programs of the Utah System of Higher Education for the academic year 1979-80, the last full year of the administration of Dr. T. H. Bell, Utah's second Commissioner of Higher Education. Dr. Bell resigned in early January, 1981, to accept the position of Secretary of Education in the new Reagan Administration.

The annual report does not replace, substitute for, nor duplicate the necessary financial and other reports regularly issued by each member institution in the Utah System of Higher Education. Such documents, together with catalogs and other information, are available from the offices of the various college and university presidents.

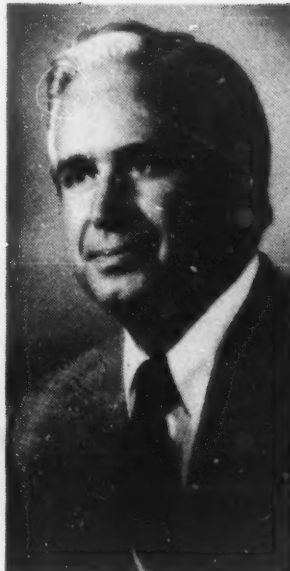
Appreciation is acknowledged to Dr. Don A. Carpenter and to Edward J. Peters, especially, and to all members of the staff for their assistance to them, in compiling and editing the detailed information contained in this report.

Leon R. McCarrey  
*Acting Commissioner  
of Higher Education*

*Eleventh Annual Report to the Governor  
and the Legislature  
Utah State Board of Regents  
1979-80*

Published by the  
Office of the Commissioner of Higher Education  
UTAH STATE BOARD OF REGENTS  
807 East South Temple St., Suite 204  
Salt Lake City, Utah 84102  
Spring, 1981

## *Foreword*



**Regent Chairman  
Donald B. Holbrook**



This year has been one of challenges for the Board of Regents. Now, as I reflect upon past events, there is satisfaction in the knowledge that our Utah System of Higher Education was able to effectively deal with the issues and still maintain Utah's national prominence for excellence in higher education. The high quality of our instructional programs and support services has developed due to years of hard work and dedication. As Chairperson of the Utah Board of Regents, I wish to acknowledge and thank our Commissioner, administrators, faculty, staff, students, community groups, state legislators and government officials who have used their skills for the betterment of our educational system.

Of all the important issues which confronted the Regents, by necessity we would have to rank financial matters and their effects upon institutional management with the highest priority. The conservative fiscal policies favored by the State Legislature, as well as the economic climate of the state, required that amounts appropriated in the budget for current year expenditures be further reduced. This strain upon already "no-frills" programs prompted the Board of Regents to pass a motion which affirmed the quality concept inherent in our nine institutions and related programs. The impact of real dollar decline in state appropriations for higher education coupled with the rise in student enrollment is creating problems of great magnitude.

This year our budget request meetings were the most cooperative ever experienced by our system. Full credit for this is due to the fine work performed by the Commissioner's Office and the leadership within our schools. We have observed this year that when a problem is perceived by all to be best solved by joint effort we fully support each other.

Another aspect of concern, which further compounded the shortage of funds, was the increase in student enrollments. Our policy has always been to welcome all and any student who is able to benefit from a postsecondary educational experience. Philosophically we are still committed to that ideal.

This year we were happy to announce the appointments of two respected educators to fill vacancies at two of our colleges. We look forward to long and productive working relationships with President James R. Randolph at the College of Eastern Utah and President Alton Wade at Dixie College.

The Board of Regents is aware that now, as we look ahead, we must move forward and meet the challenges before us. The impact of an unprecedented growth rate in Utah's economy will create a



demand for qualified personnel. We feel it is our obligation to offer Utah's citizens the best training program possible so that they will be the ones to benefit from the new employment positions.

A recommendation of a comprehensive study of the community college concept was recently accepted by the Board. We will now investigate how national findings relate to our system as it exists.

Regents can be idealists, yet we know we must function in a practical world. The solutions we are seeking and hope to implement will be the results of dedicated people making their best judgments. Our belief that the people of the great state of Utah deserve a system of higher education commensurate with their goals of excellence will guide us in this undertaking.

With the desire to aid members of the 44th Legislative Regular Session and Governor Scott M. Matheson to examine and understand our system, I am pleased to submit the Eleventh Annual Report.



Submitted with respect and Fidelity,  
Donald B. Holbrook, Chairperson  
State Board of Regents

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## *Members, Utah State Board of Regents*

Established 1969

|                                                    | <i>Terms Expire</i> |
|----------------------------------------------------|---------------------|
| Donald B. Holbrook, Chairman, Salt Lake City ..... | 1981                |
| Rex G. Plowman, Vice-chairman, Lewiston .....      | 1983                |
| Peter W. Billings, Salt Lake City .....            | 1981                |
| Ralph S. Blackham, Moroni .....                    | 1985                |
| W. Hughes Brockbank, Salt Lake City .....          | 1985                |
| J. Lynn Dougan, Salt Lake City .....               | 1985                |
| Kem C. Gardner, Salt Lake City .....               | 1985                |
| Jay Dee Harris, Tremonton .....                    | 1985                |
| George C. Hatch, Salt Lake City .....              | 1983                |
| Alex P. Hurtado, Ogden .....                       | 1985                |
| Mrs. Mary D. Lunt, Cedar City .....                | 1983                |
| Neal A. Maxwell, Salt Lake City .....              | 1981                |
| Robert L. Newey, Ogden .....                       | 1983                |
| Luke G. Pappas, Price .....                        | 1981                |
| Roy W. Simmons, Kaysville .....                    | 1981                |
| D. Bryan Steele, Ogden .....                       | 1981                |

T. H. Bell

*Commissioner of Higher Education and Chief Executive Officer*

# *Utah Joint Legislative Study Committee On Higher Education*

INTERIM PERIOD 1979-1980

## SENATE

Senator Ronald T. Halverson, Ogden, Co-chairman  
Senator Charles W. Bullen, Logan  
Senator William N. Jones, Alpine  
Senator Darrell G. Renstrom, Ogden  
Senator Karl N. Snow, Jr., Provo  
Senator Karl G. Swan, Tooele

## HOUSE

Representative G. Lamont Richards, Salt Lake City, Co-chairman  
Representative Norman H. Bangerter, Salt Lake City  
Representative Mike Dmitrich, Price  
Representative Clifford S. LeFevre, Clearfield  
Representative LeRay L. McAllister, Orem  
Representative Dix Holt McMullin, South Jordan  
Representative D. Leon Reese, Magna  
Representative Norman O. Wahlstrom, Logan  
Representative Kevin Watt, Salt Lake City  
Representative Keith W. Wilcox, Ogden

*Member Institutions and Presidents,  
Utah System of Higher Education*

Utah State Board of Regents, 807 East South Temple St.,  
Suite 204, Salt Lake City, 84102

T. H. Bell, Commissioner of Higher Education and  
Chief Executive Officer

University of Utah (1850) Salt Lake City, 84112  
David P. Gardner, President

Utah State University of Agriculture and Applied Science (1888)  
Logan, 84322  
Stanford Cazier, President

Weber State College (1889) Ogden, 84403  
Rodney H. Brady, President

Southern Utah State College (1897) Cedar City, 84720  
Orville D. Carnahan, President

Snow College (1888) Ephraim, 84627  
J. Marvin Higbee, President

Dixie College (1911) St. George, 84770  
Alton L. Wade, President

College of Eastern Utah (1937) Price, 84501  
James R. Randolph, President

Utah Technical College at Provo (1941), 84601  
Wilson W. Sorensen, President

Utah Technical College at Salt Lake (1947) Salt Lake City, 84107  
James Schnirel, Acting President

## *The Institutional Councils And Their Members*

### **UNIVERSITY OF UTAH (Salt Lake City)**

Edward W. Clyde, Chairman, 1981  
John Dahlstrom, Vice Chairman,  
1983  
Desmond Barker, 1983  
Reed W. Brinton, 1983  
Richard W. Giauque, 1981  
Bettye Gillespie, 1981  
DeAnne Hanson, 1981  
Aline Skaggs, 1983  
D. Brent Scott, (Alum Pres), 1981  
Kevin Pearson, (SB Pres), 1981

### **UTAH STATE UNIVERSITY (Logan)**

Glenn J. Mecham, Chairman, 1981  
Leah D. Parkinson,  
Vice Chairman, 1983  
R. Keith Binford, 1981  
James E. Brown, 1983  
Roy L. Holman, 1983  
Leonard W. McDonald, 1981  
Merrill J. Millett, 1981  
Janet Cannon Randall, 1983  
Donniel Horlacher, (Alum Pres)  
Peter C. Daines, (SB Pres)

### **WEBER STATE COLLEGE (Ogden)**

Robert T. Heiner, Chairman, 1983  
Gwen S. Williams,  
Vice Chairman, 1981  
Jerry W. Baker, 1983  
Dallas H. Buckway, 1981  
Roy C. Nelson, 1983  
Pat Lucero Oliver, 1981  
Clyde C. Patterson, 1981  
Harold C. Steed, 1983  
Kent Petersen, (Alum Pres)  
Michael C. Arave, (SB Pres)

### **SOUTHERN UTAH STATE COLLEGE (Cedar City)**

Frank J. Petty, Chairman, 1981  
James Hoyle, Vice Chairman, 1981  
Joanna Adamson, 1983  
Loretta Cline, 1983  
Garn Huskinson, 1981  
Clarence Miller, 1983  
Michael Park, 1983  
Dale O. Zabriskie, 1981  
Don Marchant, (Alum Pres)  
Eric Houle, (SB Pres)

*Institutional Councils (CONTINUED)*

**SNOW COLLEGE**  
(Ephraim)

Arthur H. Nielsen, Chairman,  
1983  
Ward C. Killpack, Vice Chairman,  
1981  
Paul Frischknecht, 1981  
Jack H. Goaslind, Jr., 1983  
LeRue M. Nielson, 1981  
LaGrande H. Terry, 1981  
Clyde Swenson, 1983  
Flora C. Weggeland, 1983  
Kent Larsen, (Alum Pres), 1981  
Steve Giles, (SB Pres)

**DIXIE COLLEGE**  
(St. George)

Derrill C. Larkin, Chairman, 1981  
M. Truman Bowler,  
Vice Chairman, 1981  
Jay R. Bingham, 1983  
William G. Bruhn, 1981  
Douglas I. Hunt, 1981  
G. Wayne Shamo, 1983  
Sandra W. Wilkins, 1983  
Randy W. Wilkinson, 1983  
Steven E. Snow, (Alum Pres)  
Steven G. Caplin, (SB Pres)

**COLLEGE OF EASTERN**  
**UTAH (Price)**

Bettina Black, Chairperson  
Ralph T. Coates, Vice Chairman,  
1983  
Thomas F. Bailey, 1983  
Janis Blake, 1983  
LaVon Day, 1983

Terry Fry, 1981  
Gordon Newbold, 1981  
O. W. Phelps, 1981  
Gary F. Prazen, 1983  
Bruce Shumway, 1983  
Terry Ficklin, (SB Pres), 1981

**UTAH TECHNICAL COLLEGE**  
(Provo)

Charles L. Bates, Chairman, 1981  
Howard Pace, Vice Chairman,  
1981  
Edward B. Anderson, 1983  
Grant C. Burgon, 1983  
Robert E. Halladay, 1981  
Hilton Honyaoma, 1983  
Eris Y. Sumner, 1981  
Boyd C. Sunderland, 1983  
David A. Jacobson, (Alum Rep)  
Mark Fisher, (SB Pres)

**UTAH TECHNICAL COLLEGE**  
(Salt Lake)

Richard S. Prows, Chairman, 1981  
Eugene (Gene) C. Hafen,  
Vice Chairman, 1983  
F. J. (Joe) Cosgrove, 1983  
Lenore Edmunds, 1983  
John H. Klas, 1983  
Douglas T. Simpson, 1981  
Bernard Tanner, 1981  
Scott N. Brems, (Alum Rep)  
Lee John (Lee Roy) Eschler  
(\*one member still to be named)



## *Utah State Board of Regents Committees and Members*

### STANDING COMMITTEES

#### EXECUTIVE

Donald B. Holbrook, Chairman  
Rex G. Plowman, Vice Chairman  
J. Lynn Dougan  
Jay Dee Harris  
George C. Hatch  
Neal A. Maxwell

#### PLANNING AND CAPITAL FACILITIES

Robert L. Newey, Chairman  
Kem C. Gardner, Vice Chairman  
Ralph S. Blackham  
W. Hughes Brockbank  
George C. Hatch  
Alex P. Hurtado  
Mary D. Lunt  
Luke G. Pappas

#### BUDGET AND FINANCE

J. Lynn Dougan, Chairman  
W. Hughes Brockbank,  
Vice Chairman  
Peter W. Billings  
Ralph S. Blackham  
Jay Dee Harris  
Kem C. Gardner  
Neal A. Maxwell  
Robert L. Newey  
Roy W. Simmons  
D. Bryon Steele

#### CURRICULUM, ROLES AND VOCATIONAL-TECHNICAL TRAINING

Luke G. Pappas, Chairman  
Mary D. Lunt, Vice Chairman  
Peter W. Billings  
George C. Hatch  
Robert L. Newey  
D. Bryon Steele

### SPECIAL COMMITTEES

#### COMMITTEE ON THE FUTURE (EXECUTIVE COMMITTEE AND STANDING COMMITTEE CHAIRMEN)

Donald B. Holbrook, Chairman  
Rex G. Plowman, Vice Chairman  
J. Lynn Dougan  
Jay Dee Harris  
George C. Hatch  
Neal A. Maxwell

Robert L. Newey  
Luke G. Pappas

#### FACULTY WORKLOAD AND TENURE

Robert L. Newey, Chairman  
Alex P. Hurtado, Vice Chairman  
Peter W. Billings  
Kem C. Gardner  
Jay Dee Harris  
D. Bryon Steele

#### COMMUNITY COLLEGES

Ralph S. Blackham, Chairman  
Mary D. Lunt, Vice Chairman  
W. Hughes Brockbank  
Luke G. Pappas  
D. Bryon Steele

#### LEGISLATION AND LITIGATION

Robert L. Newey, Chairman  
Peter W. Billings, Vice Chairman  
J. Lynn Dougan  
Kem C. Gardner

#### SPECIAL COMMITTEE ON QUALITY OF UNDERGRADUATE INSTRUCTION

W. Hughes Brockbank, Chairman  
Peter W. Billings, Vice Chairman  
Ralph S. Blackham  
George C. Hatch  
Neal A. Maxwell  
Robert L. Newey  
D. Bryon Steele

#### AUDIT REVIEW SUBCOMMITTEE (OF BUDGET AND FINANCE COMMITTEE)

J. Lynn Dougan, Chairman  
W. Hughes Brockbank,  
Vice Chairman  
Kem C. Gardner  
Jay Dee Harris  
George C. Hatch  
Roy W. Simmons

#### SPECIAL COMMITTEE ON BOARD OFFICE FACILITIES

Kem C. Gardner, Chairman  
Roy W. Simmons, Vice Chairman

J. Lynn Dougan  
Jay Dee Harris  
George C. Hatch  
Neal A. Maxwell

#### SPECIAL COMMITTEE ON TRANSFERABILITY OF POST-SECONDARY CREDIT WITHIN THE UTAH SYSTEM OF HIGHER EDUCATION AND GRANTING OF POST- SECONDARY CREDIT AT AREA VOCATIONAL CENTERS

Mary D. Lunt, Chairman  
Ralph S. Blackham,  
Vice Chairman  
Luke G. Pappas  
D. Bryon Steele

#### SPECIAL COMMITTEE ON STATE BOARD OF EDUCATION RESPONSIBILITIES FOR ARTICULATION OF PUBLIC EDUCATION

Neal A. Maxwell, Chairman  
Mary D. Lunt, Vice Chairman  
Peter W. Billings  
George C. Hatch  
Roy W. Simmons

#### SPECIAL COMMITTEE ON RELATIONSHIP WITH INSTITUTIONAL COUNCILS

Ralph S. Blackham, Chairman  
Luke G. Pappas, Vice Chairman  
Jay Dee Harris  
Alex P. Hurtado  
Mary D. Lunt  
Roy W. Simmons  
D. Bryon Steele

# *Administrative Staff, Office of the Commissioner of Higher Education*

807 East South Temple St., Suite 204  
Salt Lake City, Utah 84102  
Telephone (801) 533-5617  
(January 1981)

## Commissioner of Higher Education and Chief Executive

Officer of the Board ..... T. H. Bell, Ed.D.  
Administrative Secretary ..... Mrs. Joyce B. Fox  
Executive Assistant ..... Sharon Schonhaut, M.Ed.  
Secretarial Assistant ..... Mrs. Janet Demman

## Deputy Commissioner and Director of

Academic Affairs and Planning ..... Dr. Leon R. McCarrey  
Secretary ..... Mrs. Lu Larson  
Associate Director of Academic  
Affairs ..... Terry D. Alger, Ph.D.  
Associate Director of Academic  
Affairs ..... Don A. Carpenter, Ph.D.  
Research Assistant ..... Berniece Goebel  
Coordinator of Veterans Affairs .... Sterling R. Provost, Ph.D.  
Director of Title I Programs and Coordinator  
of Statewide Television ..... T. M. Williams, Ph.D.

## Associate Commissioner and

Director of Finance ..... Iver E. Bradley  
Secretary ..... Renae Rigler  
Director of Budgets and  
Accounting Systems ..... Derald V. Johnson, MBA, CPA  
Research Analyst in Institutional Studies .. Russell C. Richards  
Supervising General Auditor and Associate Director,  
Utah Student Loan Program ..... Ralph J. Olmo, BA, CPA  
Senior Auditor and Assistant Director,  
Utah Student Loan Program ..... James Carroll, BS  
Assistant Director of Budgets ..... Hefin Jones, MBA  
Senior Auditor ..... Aman Kudiya, BC  
Senior Auditor ..... Steve Gundersen, CPA  
Bookkeeper ..... Pauline Chee

## Associate Commissioner and Director of Tech./Voc.

### Education and Capital

Facilities ..... Robert M. Worthington, Ph.D.  
Associate Director of Tech./Voc. Education .. Edward J. Peters  
Secretary ..... Mrs. Vivian Taylor

## *I. Commissioner's Report*



**Dr. T. H. Bell, Utah's Second  
Commissioner of Higher Education**



When thinking of Utah a variety of ideas and ideals associated with our state come to mind. We pride ourselves in the strengths of our beliefs, the firmness of our actions and our determination to accomplish even more in the future. Growth from within, combined with circumstances imposed upon us, requires that we must now plan for the future to assure the continuation of high standards in our educational system affecting colleges and universities.

**1980-81  
Budget**

Utahns are a diverse group of people, their desires and needs relating to higher education as varied as the individuals. As the state provides services to ensure the health and safety of its citizens, there is a justified demand that providing a quality higher education experience for students will favorably impact the development and attainment of future goals. If knowledge of the past has truly taught us anything, it should be that an investment in education now pays among the highest dividend yields in the future.

During the 43rd legislative session for budget appropriations the State Board of Regents recommended that \$165,668,018 be allocated to finance the Utah System of Higher Education and other mandated related programs. The Legislature's approved budget reduced this amount to \$160,984,900 for fiscal year 1980-81, and then imposed an additional 1% reduction in funding in mid-year. This further reduced the appropriation to the amount of \$159,375,051.

The indicated amount of this year's budget does not adequately reflect the financial stress under which our nine institutions have had to manage. Over the period of the last three years there has been the equivalent of a 9.8% reduction in our state budget appropriation from the level of budget funding in previous years. Considering rising inflation levels and the resulting loss of real dollar values, clearly each college and university has done a commendable job of utilizing available finances.

**Increased  
Enrollment**

To further compound our problem of reduced funding, the system has experienced an increased enrollment of 3,184 students when comparing Fall 1980 headcount with Fall 1979. This corresponds to 2,221 more full time equivalent students this academic year. They represent a 6% increase over last year's enrollment. These additional students come to us for an education, not straight from high school, but from rather non-traditional segments of the population. The slightly older (25+) persons registering for classes wish to improve their skills to advance in the job market. The displaced homemakers entering college wish

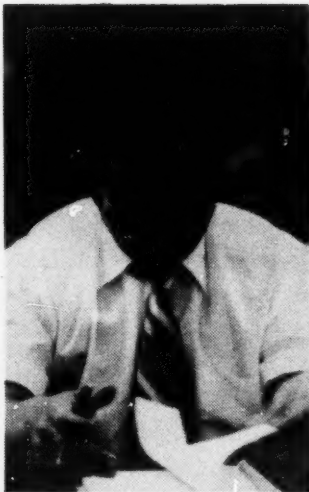
training to place themselves in employment positions. The growth associated with Utah's economy demands that more people be skilled than ever before. It is significant to note that our largest percentage enrollment increases this year are at the two technical colleges.

**Student  
Commitment  
and  
Tuition**

Throughout the entire planning and executing stages of the educational process we must always place foremost our mission of serving the students and the community. The students in our schools are also making an investment in the state. They dedicate their time and efforts to become better citizens. Financially, they are being required to help support the increasing costs of maintaining the quality programs they wish to attend. The necessary tuition and student fees which this year increased by 10% were further boosted by a tuition surcharge at some of our schools.

**Student  
Financial  
Assistance**

The State Board of Regents has long realized the financial difficulties confronting many students. The insight they demonstrated, by authorizing the Utah Higher Education Assistance Authority to guarantee federally subsidized student loans, has alleviated the monetary burdens faced by many students. From its inception in March 1978 through December 1980, the UHEAA has guaranteed 30,244 loans to 21,855 students for a total of just under \$70,000,000. On April 1, 1980, the UHEAA formally contracted with the Utah Educational Loan Service, Incorporated, the local servicing of student loans. Since then over \$28,000,000 in new student loans have been guaranteed in Utah.



**Regents render dedicated  
service to Utah higher education**





**Institution  
Leadership  
Changes**

Many opportunities also exist for students to apply for grants, scholarships and participation in work/study programs so that they can continue their education.

This year saw changes in administration at three of our colleges. President Dean M. McDonald of the College of Eastern Utah resigned his position to serve in a special assignment with the Board of Regents. President William Rolfe Kerr of Dixie College and President Dale S. Cowgill of Utah Technical College at Salt Lake both helped to effect innovative leadership while they served our system. All three men contributed to Utah's proud heritage of excellence in education.

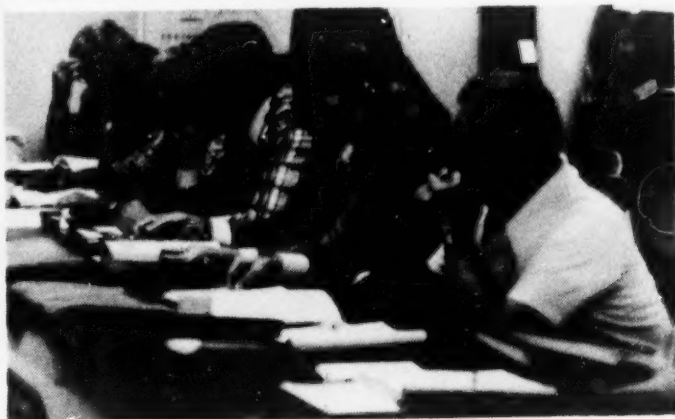
As a result of long and extensive searches, two men have been chosen to lead our fine institutions. Those selected were Dr. James Randolph as President of the College of Eastern Utah and Dr. Alton Wade as President of Dixie College.

**Cooperation**

The successes that the higher education system has experienced this year are largely due to the cooperation and assistance generated by many people and agencies. Task Force Committees in the specialties of Academic Affairs, Finance, Capital Facilities, Telecommunications, Skills Centers and Family Life have served our system well. Our Council of Presidents and the Committee on the Future continue to search for the best possible solutions which will benefit our colleges and universities. Outstanding individuals have devoted hours of study to the complex problems of today's



**Tough issues are tackled by Regents  
and Commissioner's Office.**



world and developed practical and pragmatic ways to combat them. Many of their recommendations have been adopted and incorporated into the system effectively.

We are fortunate to have presiding over our system sixteen Regents who have shown that sound judgment tempered by sensitivity to issues, personnel, students and responsibility to the state can govern effectively in a system such as ours. Their deliberations in the decision making process have been concerned with treating fairly all faculty and staff and when possible supporting their salary levels to meet these inflationary times. The Regents at all times also actively encourage all administrators, faculty and staff to extend their academic and technical expertise and services to those in the institutions and in their communities.

In representing the State Board of Regents and the Office of the Commissioner I pledge to continue this spirit of cooperation with the 44th session of the Utah Legislature and with Governor Matheson. We all serve the people of Utah. As I look to the future, I see the growth of our state and need for commitment to support our excellent institutions of higher education.



T. H. Bell  
Commissioner of Higher Education and  
Chief Executive Officer  
Utah State Board of Regents





# MEMBERS OF THE UTAH STATE BOARD OF REGENTS, JANUARY 1981

From left, top row descending: Peter W. Billings; Rex G. Plowman, vice-chairman; Donald B. Holbrook, chairman; T. H. Bell, commissioner and chief executive officer; Ralph S. Blackham; W. Hughes Brockbank; J. Lynn Dougan; Kem C. Gardner; Jay Dee Harris; George C. Hatch; Alex P. Hurtado; Mrs. Mary D. Lunt; Neal A. Maxwell; Robert L. Newey; Luke G. Pappas; Roy W. Simmons; and D. Bryan Steele.

## *II. Events of the Year*



**Regents and legislators work together during the year.**



July 30, 31,  
1979

- Chairman Donald B. Holbrook welcomed five new members of the State Board of Regents who were recently appointed by the Governor and confirmed by the Senate for six-year terms and one new student member who was appointed for a one-year term — all commencing July 1, 1979.
- The new members are Mr. Ralph S. Blackham of Moroni, Utah; Mr. W. Hughes Brockbank of Salt Lake City; Mr. Kem C. Gardner, Salt Lake City; Mr. Jay Dee Harris, Tremonton; Mr. Alex P. Hurtado, Ogden; and Miss Cyndi Woodbury, Cedar City. Each then signed the oath of office for service to the State of Utah.
- Regents ordered a 4 percent cut in total General Fund appropriations of \$143,359,100, amounting to \$5,734,400 to comply with the Governor's Executive Order directing a mandatory budget cut of 4% for fiscal year 1979-80. This was done in response to an anticipated shortfall in state revenues, estimated to be 29.5 million by the end of the current fiscal year.
- Members of the State Board of Regents met with members of the Higher Education Interim Study Committee of the legislature to discuss matters of mutual interest.
- Election of officers was held and Regent Donald B. Holbrook was elected chairman for the next two years, Regent Rex G. Plowman to serve as Vice Chairman and Regents Dougan, Harris, and Maxwell to serve on the Executive Committee.
- Regents approved new building priorities for recommendation to the State Building Board, Governor and legislature totaling \$26,681,424 for funding in 1980.
- A status report was presented concerning the Utah Guaranteed Student Loan Program, which was created by the Utah State Legislature in 1977 and is administered by the State Board of Regents. As of June 30, 1979, the program had guaranteed 6,913 loans for a total of \$15,544,524.
- Chairman Holbrook made assignments to the standing and special committees of the Board of Regents for the biennium 1979-81 and recommended the creation and the appointment of members to a new committee on the future.
- Regents heard budget requests of the institutions for fiscal year 1980-81 and gave the Commissioner guidelines in preparing his recommendations for Board action.

September 12, 13, 14,  
1979

- Chairman Holbrook introduced and welcomed the new President of Westminster College, Mr. C. David Cornell.
  - Regents authorized Weber State College to provide computer services to Westminster College under the same terms and conditions as those pertaining to member institutions.
- October 1-2, 1979**
- Commissioner T. H. Bell presented his budget recommendations for the 1980-81 fiscal year and recommended a total appropriation of \$169,474,068, which together with estimated other collections of \$48,938,138 would provide a total budget of \$218,412,206. This would be an increase of \$23,267,068 in appropriations, or 15.91 percent.
  - Detailed budget matters for each institution were considered by the Regents.
- November 16, 1979**
- Regents formally adopted the completed Continuing Education/Community Service Master Plan for System institutions. This report has subsequently received wide recognition and praise and has been requested by other statewide governing boards and national commissions, agencies, and professional education associations.
  - Regents adopted a procedure whereby courses completed at area vocational centers may be evaluated for possible transfer to Utah System of Higher Education institutions.
  - Board approved a proposal in principle for a statewide telecommunications system and to instruct the Commissioner's office to coordinate a proposal to see if it can be prepared in time for presentation to the Governor and 1980 Legislature, with a \$200,000 state matching fund.
  - A determination was made to hold Board meetings on a bi-monthly basis, for a trial period, with committee meetings scheduled during the alternate months to deal with routine and non-controversial items.
  - A discussion on Enrollment Limitation was held for which Commissioner Bell had prepared a discussion paper entitled, "Should the Institutions in the Utah System of Higher Education Establish Enrollment Limits?" The Commissioner stated several arguments of both opponents and proponents of limiting enrollment and concluded with various approaches that could be taken. He said the entire matter of enrollments, budgets, and admission standards is a high-priority question for the new Committee on the Future. The paper was intended simply to raise the issue and solicit discussion from Regents and Presidents.
  - Chairman Holbrook said he believed any attempt to limit

enrollment would be wrong, especially in Utah's booming economy. He said the average student needs an education and must have that opportunity in this state. Other Regents echoed this philosophy.

**December 18,  
1979**

- Regents approved a memorandum of agreement and a composite list of capital facilities priorities for 1980, with an expression of appreciation to the State Building Board for their cooperation and good will.
- A resolution was approved authorizing the Board of Regents to borrow \$15 million from Utah lending institutions to temporarily provide student loan money pending subsequent issuance of bonds. Due to unexpected demands, the Utah Guaranteed Student Loan Program had exhausted its funds from the previous bond.
- Board authorized Commissioner T. H. Bell to proceed with the incorporation of a private, non-profit servicing entity for the Utah Guaranteed Student Loan Program.

**January 15,  
1980**

- Regents adopted revised work programs as submitted by institutions of higher education in compliance with the Governor's executive order for a 4 percent reduction in 1979-80 appropriations.
- Commissioner Bell recommended adoption of the following statement, developed out of discussion in the Council of Presidents: The Board of Regents shall include in the official budget presentation to the 1980 Utah State Legislature a request that legislative intent language limiting the authority of institutions of higher education to transfer appropriated funds from non-personal service expenditure objects to personal service expenditure objects be omitted from the 1980-81 Appropriations Act.
- Board accepted Commissioner T. H. Bell's recommendation that the Regents ask the Legislature to approve a bill awarding to Weber State College the former St. Benedict's Hospital real property, along with the balance of funds associated with this project (approximately \$1.94 million). The interest earned from investment of these funds by the college is recommended to be applied toward the costs of renovation of the physical facilities on this site or toward the costs of a new Business and Economics Building on the Weber State College campus.

**March 18,  
1980**

- Board approved a tuition increase in the amount of 10 percent for the 1980-81 higher education budget.
- Each president explained proposed changes in student fees for fiscal year 1980-81 and said that the proposed changes

had the approval of student leaders and the respective Institutional Council. The Regents adopted the proposed increased fee schedule.

- Regents adopted a report indicating a 6.7 percent increase in FTE enrollment for Winter 1980 over Winter 1979. Also, the Fall to Winter Quarter retention rate increased from 94 to 96 percent.
- Commissioner Bell reported that President Dean M. McDonald had submitted his resignation as President of the College of Eastern Utah, effective July 1, 1980. Dr. McDonald has accepted a temporary assignment in the Office of the Commissioner to conduct a comprehensive study of the need for community colleges in Utah, under the direction of the Regents' Committee on the Future.
- Dr. Robert M. Worthington, Associate Commissioner of Higher Education, was named Acting President of the College of Eastern Utah effective February 28, 1980.
- Regents adopted recommendations by the Task Force on Capital Facilities appointed in April 1979 to prepare guidelines for planning and utilization of capital facilities in the Utah System of Higher Education.
- Adopted a policy to insure that fair and impartial procedures and criteria are utilized for the selection of commercial banks at all of the institutions within the Utah System of Higher Education.
- Approved the Master Plan report of the Family Life/Family Education Ad Hoc Advisory Committee to clarify roles and articulate offerings among Utah Colleges and Universities.

May 20,  
1980



### *III. Academic Affairs*



The Regents provide a statewide perspective in reviewing academic programs.



During the 1979-80 academic year, several significant studies were completed in the area of academic affairs. Perhaps foremost was the development of criteria for the ongoing review of all programs in the state's system of higher education. The goal is to enhance the quality of all programs that are offered; strengthening programs that may be viewed as weak. In addition to statewide review of programs conducted by the Regents, the Office of Academic Affairs and Planning has worked closely with institutional personnel to develop or improve institutional procedures for the review of all academic and vocational/technical offerings. Furthermore, the Office has worked effectively to combine statewide and institutional review activities into a single coordinated process for achieving the goal of improving educational quality. The report that follows lists low-producing programs reviewed by the Regents and indicates whether they were discontinued, consolidated, placed on probation, deferred, or continued without prejudice.

Working with State Office of Education officials, Area Vocational Center personnel, and college and university officials, arrangements were completed for the possible transfer of appropriate credits earned at AVC's to System colleges and universities offering corresponding programs. An AVC credit transfer matrix was developed to facilitate the transfer of credits deemed appropriate. This matrix and its rationale are described later in this section.

Another major achievement was formal adoption by the Regents of the completed Continuing Education/Community Service Master Plan for the Utah System of Higher Education. Adopted in November, 1979, this master plan report has received outstanding reviews and has been widely requested by colleges and universities, other statewide governing agencies, and educational organizations such as the Education Commission of the States, Educational Testing Service, Federal agencies, and professional associations.

Also completed was a Master Plan for Family Life/Family Education adopted by the Regents in May, 1980. Developed with assistance from an Ad Hoc Advisory Committee, the master plan report contains numerous recommendations that clarify roles, describe planning priorities, and assist in articulating offerings among and between two-year and four-year institutions and universities.

Other master planning efforts pursued during the year have



focused on Social Work, Social Services, and Gerontology. Under special assignment from Governor Scott M. Matheson, a Mining Education Task Force prepared a master plan to address manpower training needs during the 1980's. In addition, a detailed study of pressing issues facing Utah higher education during the '80s was prepared for the Regents' Committee on the Future.

Dr. Leon R. McCarrey, Deputy Commissioner and Director of Academic Affairs and Planning, directs a small professional staff in the Academic Affairs Office of the Regents. The report which follows includes Board actions and academic studies now in progress in the Commissioner's Office. Also included are summary reports from Statewide Educational Television, Veterans Approval Programs, the Western Interstate Compact on Higher Education (WICHE), and the Educational Information Center (EIC) program begun the previous year.

## CURRICULAR AND ROLE STUDIES

(July 1, 1979 through June 30, 1980)

The Regents approved one- and two-year programs in Finance and Credit (O.E. Code 04.04) at Utah Technical College/Salt Lake; conditional upon funding through the State Board for Vocational Education. (July)

Nurse Advancement Program (WSC-CEU). Approved for one year if funds are forthcoming from the Community Impact Funds through the Governor's Office (\$75,000). (July)

Under the Emergency Manpower Training Provision adopted by the Regents and the State Board of Education in December, 1970, authorization was given to Utah Technical College at Salt Lake to offer a program in Plastics Process Training to industrial groups in Utah (one-year-only approval). Approval is conditional upon receipt of full funding from external sources for program operation. (January)

The University of Utah was authorized to award a Certificate in Teaching English to Speakers of Other Languages (TESOL) to those students enrolled in baccalaureate and master's degree programs who already have their degrees and who desire specific recognition in order to facilitate their goals of teaching English as a foreign language. (November)

**Programs  
Discontinued,  
Denied, or  
Deferred  
(1979-80)**

- The Regents deferred action on the Utah Technical College/Provo request to initiate one- and two-year programs in Banking and Finance (until after evaluation of the success of the newly approved Finance and Credit programs at UTC/SL). (July)
- M.A. in Classics was discontinued at the University of Utah. (July)

**Low-Producing  
Programs  
Evaluated  
(1979-80)**

**Programs discontinued at UTC/SL: (April)**

- Upholstering
- Hotel/Motel Management
- Auto Body Repair and Painting
- Operating Room Technician
- Food Service
- Refrigeration and Air Conditioning
- Real Estate Sales

**Continued Without Prejudice:**

- Interior Design (WSC—January)
- Diesel Technology and Service (WSC—January)
- Fashion Merchandising (WSC—January)
- Sales and Retailing (WSC—January)
- Transportation and Warehousing (WSC—January) To be reviewed again June, 1983
- Mining Technology (CEU—January)
- General Marketing, Drafting, Graphic Arts (Dixie College—January)
- Automotive, one- and two-year programs (Snow College—January)
- BA in Music Education (SUSC—January)
- BA in Languages (SUSC—January)
- BA in Art Education; Communications Art; BS in Mathematics Education/Mathematics; BA in Music Education/Music (WSC—January)
- BS degrees in Agribusiness; Soils Science; Dance; BA degrees in Liberal Arts, American Studies; Doctor of Philosophy in Natural Resources Management; Toxicology; Master of Science in Toxicology; Biochemistry; Chemistry; Physics; BS in Statistics (USU—January)
- BS in Geological Engineering; MS in Speech Communications; Political Science; Anatomy; Biochemistry; Community Medicine; Fuels Engineering; Ph.D. in Physiology; Fuels engineering (U of U—January)
- MS and Ph.D. in Medicinal Chemistry (U of U—March)

**Placed on Probation:** For three-year Period to be reviewed again in 1983

- Carpentry and Milling (WSC—January)
- Automotive (SUSC—January)
- Drafting (Snow College—January)
- BA in Art Education/Art (SUSC—January)
- BS in Mathematics (SUSC—January)
- BS in Biological Sciences (SUSC—January)
- BS in History (SUSC—January)
- BS in Physics (WSC—January)
- MS/Ph.D. in Foods Science (USU—January)
- BS in Agricultural and Irrigation Engineering (USU—January)
- MA in Theatre Arts (USU—January)
- BA in Greek, Latin, Russian (U of U—March)  
(Study to be conducted to see if they can be merged into a single BA degree program in Classics)
- Ph.D. in Bioengineering (U of U—March)
- Ph.D./MS in Mining Engineering (U of U—March)
- MS in Foods Nutrition (U of U—March)

**Discontinued:**

- Insurance Sales (Two-year) (WSC—January)
- Food Distribution and Service (WSC—January)
- Surveying (SUSC—January) Permitting the continuation of three courses required by the two-year pre-engineering students
- Automotive (CEU—January) Two-year program
- Electronics (One- and Two-year programs) (Snow College—January)
- BS in Agronomy (U of U—January)
- BS in Business Education (U of U—January)
- MS in Russian and Ph.D. in Linguistics (U of U—January)

**Other Actions:**

- BA in French to be consolidated with language programs in German and Spanish to become an option or an emphasis within a BA degree in Foreign Languages (USU—January)
- MA/MS in Dairy Science and Animal Science merged into a single degree offering with appropriate title (USU—January)

**Changes in  
Academic  
Programs  
(1979-80)**

The Department of Data Processing was reinstated at Weber State College; transferring of program from School of Business to School of Technology. (July)

Under the 45-day notification of intent policy, the University of Utah consolidated the Bureau of Community Development and the Institute of Government into a new entity entitled the Center for Public Affairs and Administration. (January)

**Master  
Planning**

Continuing Education/Community Service Master Plan for the Utah System of Higher Education was adopted by the Regents at the November 16, 1979 meeting.

Family Life/Family Education Master Plan for the Utah System of Higher Education was adopted by the Regents at the May 20, 1980 meeting.

**Changes in  
the System**

Arrangements between Area Vocational Centers and Post-secondary Institutions for Transfer of Credits: Those courses completed at the area vocational centers, wherein students seek to transfer postsecondary credits within the Utah System, be transferred through institutions with corresponding program offerings according to the Area Vocational Center Transfer Matrix described in Table 1. The rationale for this transfer of credits is:

1. Courses to be transferred should be evaluated only at those institutions that offer vocational programs in the same fields at similar levels.



**Academic Affairs professionals  
and secretaries.**



2. Each area vocational center should have transfer linkage with two institutions — one of which would be the nearest Utah System of Higher Education institution offering vocational programs; the other would be one of the Technical Colleges.
3. Where corresponding vocational programs exist, area vocational center courses should transfer to that institution nearest the area vocational center. This will assist students seeking counseling and guidance, foster working relations between institutions located in close proximity, etc. In most cases where the nearest institution does not provide similar offerings, a transfer relationship will be established with one of the Technical Colleges. Acceptance of area vocational center credit at one institution will ensure acceptance of said credit at any postsecondary institution within the USHE (all courses accepted for credit at one USHE institution — except for some required courses in major and minor areas which might transfer only with departmental approval, Upper Division and General Education requirements — would be fully transferable and applicable toward graduation at other System institutions in which a student might enroll. Such courses would have to be above the 100 level, and may be treated as elective credits, particularly when corresponding vocational programs are not offered.)

**Table 1**  
**Area Vocational Center Transfer Matrix**

Matrix Role Assignments for Potential Transfer of Area Vocational Center Offerings to Corresponding Offerings in the Utah System of Higher Education.

**Uintah Basin Area Vocational Center**

Utah State University, through the USU Center in Roosevelt

- General Merchandise
- Real Estate
- Steno and Secretary
- Auto Mechanics
- Drafting
- Welding

Utah Technical College at Provo  
Apparel and Accessories  
Accounting and Computers  
Typing and Related  
Carpentry  
Diesel

Exceptions: LPN transfer already worked out with Weber State College.

### Sevier Valley Area Vocational Center

Snow College  
General Merchandise  
Auto Mechanics  
Carpentry  
Drafting  
Welding  
Auto Body  
Industrial Electricity

Utah Technical College at Provo  
Nurse Aide  
Commercial Art  
Diesel

Exceptions: Food Distribution — Utah Technical College at Salt Lake.

Note: Business Machine Repair and Cosmetology would not be transferable.

### Davis Area Vocational Center

Weber State College  
Distributive Education Programs  
Steno and Secretary  
Auto Body  
Auto Mechanics  
Diesel  
Welding

Utah Technical College at Salt Lake  
Accounting and Computers  
Masonry

Exceptions: Ornamental Horticulture — Utah State University.

## **Bridgerland Area Vocational Center**

### **Utah State University**

Dairy Herdsman  
Ornamental Horticulture  
Steno and Secretary  
Auto Mechanics  
Drafting  
Welding  
Meat Cutting

### **Utah Technical College at Salt Lake**

Air Conditioning  
Auto Body  
Carpentry  
Heavy Equipment Repair  
Masonry  
Machine Shop  
Small Engine

Exceptions: None

CLEP English Composition examination score level for awarding credits be increased from 110 to 110 points, consistent with the College Entrance Examination Board and Educational Testing Service recommendations making "old" and "new" test scores comparable in percentile ranking.

### **Studies in Progress**

1. In-depth study addressing the total issue of transfer of business classes from two- to four-year institutions within the System.
2. BA Degree in Film Studies — University of Utah.
3. Master of Law Degree in Energy Law — University of Utah.
4. Master of Science Degree in Computer Science — Utah State University.
5. Associate of Applied Science (AAS), Associate of Arts (AA), and Associate of Science (AS); Degrees at Utah State University and Southern Utah State College.
6. Ultrasonography Program at Weber State College.
7. Family Education Major/Minor — Weber State College.
8. Business and Technology Baccalaureate Program — Southern Utah State College.



9. Associate of Applied Science Degree in Marketing Management — Southern Utah State College.
10. Minor in Computer Science — Southern Utah State College.
11. Certificate of Proficiency and Associate of Science Degree in Solar Energy — Dixie College.
12. Associate of Nursing Degrees at the College of Eastern Utah and Utah Technical College at Provo.
13. Certificate and Associate of Applied Science Degrees in Manufacturing Support — Utah Technical College at Provo.
14. Certificate Program for Dietetic Assistant and Associate of Applied Science Degree Program for Dietetic Technicians — Utah Technical College at Provo.
15. Low-Producing Academic Programs at the University of Utah.
16. Proposed Procedure for Reviewing Existing Programs; i.e., "The Maintenance and Improvement of Program Quality."
17. One- and Two-year Programs in Early Childhood Development — Snow College, College of Eastern Utah and Utah Technical College at Provo.
18. Composite Major in Secondary Education for Bilingual/Bicultural Students — Weber State College.
19. Trial Program in Industrial Electronics — Snow College.
20. Associate of Applied Science Degree Request in Banking and Finance — Utah Technical College at Provo.
21. Role Studies in Gerontology and Associate, Baccalaureate, and Master's Degree Requests — Utah State University, Weber State College and Southern Utah State College.
22. Social Work/Social Services Master Plan for the Utah System of Higher Education.

## STATEWIDE EDUCATIONAL TELEVISION

Developments in Utah's coordinated, statewide educational television program during 1979-80 include:

1. Construction completed on a new Mt. Vision television transmitter building with state-owned KUED and privately-owned KBYU-TV sharing construction and operating costs. This will enable savings in costs through the remote control of the

transmitters of both stations by studio technicians at studio location without the necessity of licensed broadcast operators being present in the mountain-top transmitter building at all times. Previously, both stations contracted with a local commercial TV station for housing and operation of their transmitters in a mountain-top building, which was over-crowded and provided insufficient cooling, emergency power, and other needed facilities and services.

2. Master planning for educational telecommunication is continuing under the direction of T. M. Williams, Coordinator of Statewide Television, and Leon R. McCarrey, Deputy Commissioner of Higher Education. Effort during 1979-80 has concentrated on completing a statewide telecommunication user needs and engineering feasibility study made possible by a federal National Telecommunication and Information Agency (NTIA) planning grant. Findings from this study are being utilized by the Regent's Telecommunication Master Planning Task Force in formulating its Phase II recommendations for utilization of the full range of telecommunication technologies for support of education and training programs in Utah.
3. Replacement and refurbishment of KUED's equipment and the upgrading of the statewide translator system, through

**Veterans Affairs and  
Statewide Television  
Coordinators.**



receipt of a federal NTIA facilities grant, is nearing completion. Twenty-five percent of the matching funds for this project were provided by the Utah State Legislature.

4. Continuing progress in a three-year program to assist citizens, public schools, colleges and universities, motel operators and other viewers and potential viewers of KUED to improve their reception and in-building distribution of programs from the station continues. Translator reception technicians have been employed, giving first priority to assisting school officials and teachers in the more remote, rural areas of the state (where persons with technical expertise are scarce), in diagnosing their reception difficulties. These technicians have also provided consulting assistance to schools and institutions in upgrading their reception and distribution capabilities and in maximizing their utilization of the statewide television service.
5. Production by KUED — and release nationwide on the public broadcasting network — of several regionally-based public affairs broadcasts. Included was a two-hour live broadcast dealing with the MX missile-basing controversy, and a full-hour documentary on earthquake hazards in the Intermountain West.

#### VETERANS APPROVAL PROGRAM

To enable persons who have served with the United States Armed Forces to further their education, Congress has authorized benefits for veterans and other eligible persons attending approved schools. The Office of the Commissioner serves as the Utah State Approving Agency, administering the program under contract with the Veterans' Administration. This program is coordinated through Dr. Sterling R. Provost.

The second session of the 96th Congress wrestled with various proposals for veterans' rehabilitation and education amendments legislation. A number of provisions, which might impact our approved schools, were considered. These included: (1) 50% employment reporting requirements; (2) recalculation of the 85-15% ratio; (3) contact hours and course completion time modifications; (4) limited assistance to incarcerated veterans; and (5) change in the payment ratio for flight and correspondence school students.

Obvious differences existed between the House and Senate versions of proposed veteran education legislation. Final resolution

will not occur until after October 1, 1980.

During 1979-80, seventy-one institutions were serving eligible Utah veterans and their dependents under Title 38, Chapters 32, 34-36, United States Code with more than 4,700 veterans and other eligible persons receiving educational benefits.

These seventy-one institutions, shown on the following list, are representative of the institutions within the Utah System of Higher Education and the state's private higher education community. A number of the proprietary institutions include flight training, cosmetology and barber, medical and related, trade and industrial, and adult public high school diploma and vocational schools.

Together, the public, private and proprietary schools offer a broad range of academic and vocational training programs suited to both the veteran and non-veteran student. Three new schools were added during this past year. The four schools' programs whose approval was, for various reasons, withdrawn, are shown at the end of this year's listing.

## PUBLIC INSTITUTIONS

### STATE UNIVERSITIES AND COLLEGES

University of Utah, Salt Lake

University Medical Center and Hospital, Salt Lake

Utah Medex Project, Salt Lake

Utah State University, Logan

Education Centers, Moab and Roosevelt

Weber State College, Ogden

Skills Center North, Ogden

Southern Utah State College, Cedar City

Snow College, Ephraim

Dixie College, St. George

College of Eastern Utah, Price

Utah Technical College, Provo

Utah Technical College, Salt Lake

Salt Lake Skills Center, Salt Lake

### VOCATIONAL CENTERS

Bridgerland Area Vocational Center, Logan

Sevier Valley Technical Institute, Richfield

Uintah Basin Area Vocational Center, Roosevelt

#### ADULT PUBLIC HIGH SCHOOL PROGRAMS

Alpine School District, American Fork  
Granite School District, Salt Lake  
Jordan School District, Sandy  
Ogden School District, Ogden  
South Park Academy, Draper

#### OTHER APPROVED PUBLIC INSTITUTIONS

Utah Peace Officer Standards and Training Academy,  
Salt Lake  
Utah State Division of Health, Salt Lake

#### PROPRIETARY AND PRIVATE INSTITUTIONS

##### UNIVERSITIES AND COLLEGES

Brigham Young University, Provo  
Education Centers, Ogden and Salt Lake  
Columbia College (branch), Salt Lake  
LDS Business College, Salt Lake  
Stevens Henager, Ogden and Provo  
Westminster College, Salt Lake

##### AVIATION SCHOOLS

Alpine Aviation, Provo  
Central Utah Aviation, Provo  
Color Canyons Aviation, Cedar City  
Interwest Aviation, Inc., Salt Lake  
Northern Utah Aviation, Ogden  
Provo Aviation, Provo  
Sunwest Aviation, Ogden  
The Flight School, Ogden

##### COSMETOLOGY AND BARBER SCHOOLS

Beau LaReine College of Beauty, Logan  
Continental College of Beauty, Salt Lake (2)  
Hollywood Beauty College, Clearfield, Kearns,  
Logan, Ogden, Orem, Provo, Salt Lake (2),  
West Jordan, and West Valley  
International Institute of Hair Design,  
Bountiful, Midvale, and Salt Lake  
Mediterranean Academy of Scientific Hair Design,  
Salt Lake  
Painter's College of Beauty, Ogden and Roy  
Utah Barber College, Salt Lake  
Utah Executive School of Barbering and Men's  
Hair Styling, Ogden

## MEDICAL AND RELATED TRAINING

Holy Cross Hospital, Salt Lake  
LDS Hospital, Salt Lake  
St. Mark's Hospital, Salt Lake  
SLC College of Medical and Dental Careers  
Utah Valley LDS Hospital, Provo

## TRADE AND TECHNICAL SCHOOLS

Becker C.P.A. Review, Salt Lake  
Ron Bailie School of Broadcast, Salt Lake  
Salt Lake School of Interior Design, Salt Lake  
Technical Engineering Institute, Salt Lake  
Violin-making School of America, Salt Lake

## WITHDRAWN INSTITUTIONS

LDS Hospital, Salt Lake  
Dietetic Internship Program  
The Bryman School, Salt Lake  
University of Utah, Salt Lake  
Human Resources Management Program  
Utah Technical College, Provo  
Prison Program

## COOPERATION WITH WICHE, 1979-80

The Student Exchange Program administered through the Western Interstate Commission for Higher Education (WICHE) assists Utah students in obtaining professional training in dentistry, veterinary medicine, optometry, and podiatry. Utah may receive students in medicine, physical therapy, pharmacy, law and forestry under the interstate compact. Students who are certified pay the same fees as if they were residents of the receiving state. Past appropriations have provided for five entering freshmen each year in dentistry, four in optometry, and two in podiatry. In 1979, 14 students were accepted at WICHE colleges in veterinary medicine. A contract with Kansas State University provides for the acceptance of up to three students per year at that institution. While two Utah students are currently studying at Kansas State under the contract, no entering freshmen were supported this year. Continuing students receive the same assistance provided they maintain a satisfactory record.

In 1979-80 there were 52 Utah students in the veterinary medicine program, 20 in the dentistry program, 18 in optometry, and 6 in podiatry. A total of \$855,832 was paid in compact fees for these students, and \$39,000 was paid at Utah's annual membership fee.

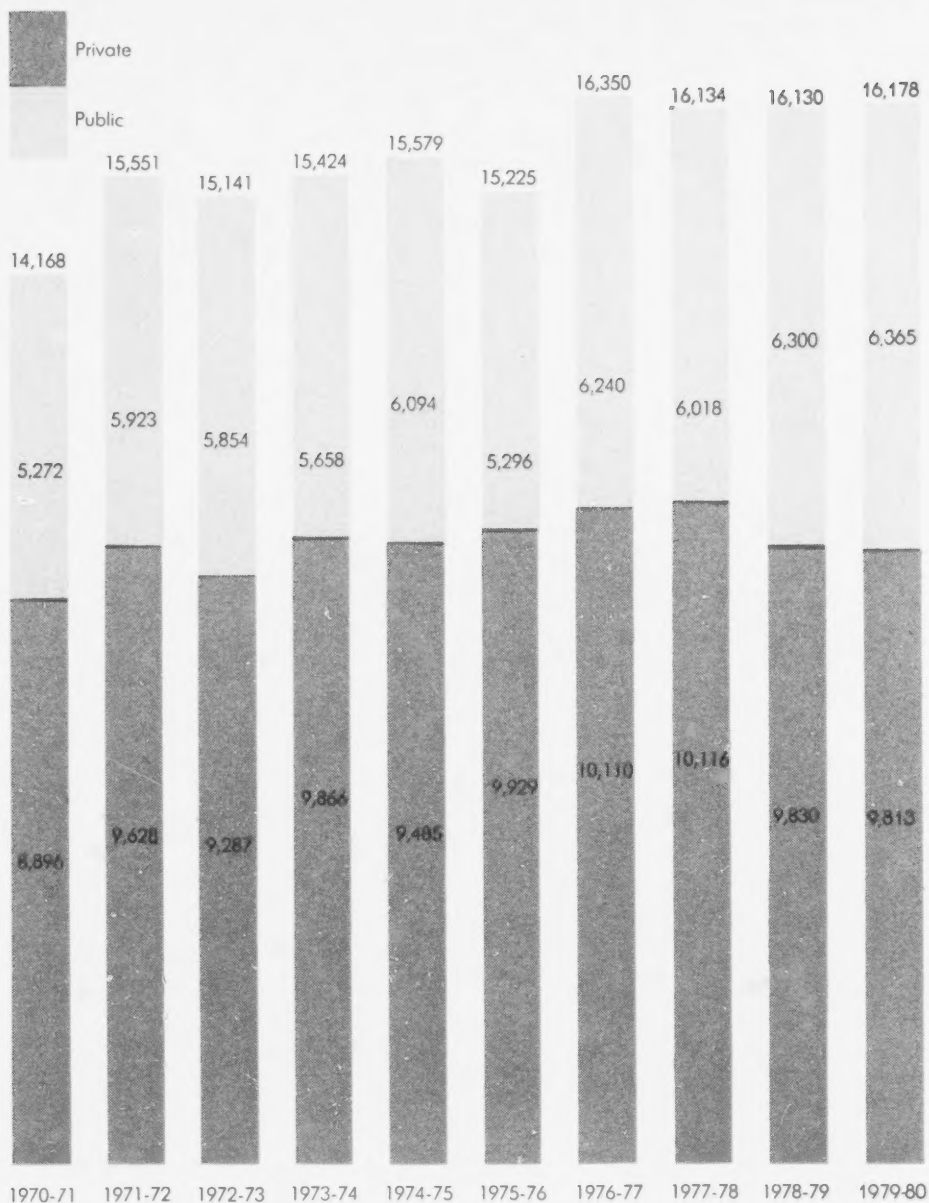
The University of Utah received 6 medical students and 1 physical therapy student in 1979-80 with compact fees of \$78,000 for medicine and \$3,500 for physical therapy. In addition, Utah State University is a receiving school in forestry with 2 students and received support fees of \$5,400.

#### DEGREES CONFERRED

During 1979-80, the number of formal degrees and certificates awarded in the state totaled 16,178. Utah's private institutions granted 6,365 of the awards compared with 9,813 granted by the public institutions. (See Figure 1).



*Figure 1. Utah Degrees and Certificates  
Conferred — 1970-71 to 1979-80*



Degrees, Certificates and Other Formal Awards Conferred,  
Public and Private Institutions, 1970-71 through 1979-80.

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**TABLE 1**  
**Utah System of Higher Education**  
**Total Degrees Awarded<sup>a</sup> Public and Private Institutions,**  
**1971-72 Through 1979-80 with Percentage Changes From Previous Years**

| Level of Degree                          | No.<br>(1)             | No.<br>(2)             | % Increase<br>Over 1974-75<br>(3) | No.<br>(4)             | % Increase<br>Over 1975-76<br>(5) | No.<br>(6)             | % Increase<br>Over 1976-77<br>(7) | No.<br>(8)             | % Increase<br>Over 1977-78<br>(9) | No.<br>(10)            | % Increase<br>Over<br>1978-79<br>(11) | % of<br>Total<br>Degrees<br>Awarded<br>1979-80<br>(12) |
|------------------------------------------|------------------------|------------------------|-----------------------------------|------------------------|-----------------------------------|------------------------|-----------------------------------|------------------------|-----------------------------------|------------------------|---------------------------------------|--------------------------------------------------------|
| Bachelor's Degrees                       |                        |                        |                                   |                        |                                   |                        |                                   |                        |                                   |                        |                                       |                                                        |
| Public Institutions                      | 4,913                  | 4,967                  | 1.1%                              | 5,082                  | 2.3%                              | 4,926                  | (3.1%)                            | 4,864                  | (1.3%)                            | 4,821                  | (0.9%)                                | 39.0%                                                  |
| Private Institutions                     | 4,241                  | 3,662                  | (13.6%)                           | 4,219                  | 15.2%                             | 4,263                  | 1.0%                              | 4,390                  | 3.0%                              | 4,386                  | (0.1%)                                | 35.5%                                                  |
| Total                                    | 9,154                  | 8,629                  | (5.7%)                            | 9,301                  | 7.8%                              | 9,189                  | (1.2%)                            | 9,254                  | 0.7%                              | 9,207                  | (0.5%)                                | 74.5%                                                  |
| Master's Degrees                         |                        |                        |                                   |                        |                                   |                        |                                   |                        |                                   |                        |                                       |                                                        |
| Public Institutions <sup>b</sup>         | 1,424                  | 1,661                  | 16.6%                             | 1,694                  | 2.0%                              | 1,608                  | (5.1%)                            | 1,500                  | (6.7%)                            | 1,355                  | (9.7%)                                | 10.9%                                                  |
| Private Institutions <sup>c</sup>        | 846                    | 600                    | (29.1%)                           | 782                    | 30.3%                             | 808                    | 3.3%                              | 988                    | 22.3%                             | 981                    | (0.7%)                                | 7.9%                                                   |
| Total                                    | 2,270                  | 2,261                  | (0.4%)                            | 2,476                  | 9.5%                              | 2,416                  | (2.4%)                            | 2,488                  | 3.0%                              | 2,336                  | (6.1%)                                | 18.8%                                                  |
| First Professional                       |                        |                        |                                   |                        |                                   |                        |                                   |                        |                                   |                        |                                       |                                                        |
| Public Institutions <sup>d</sup>         | 233                    | 234                    | 0.4%                              | 235                    | 0.4%                              | 226                    | (3.8%)                            | 217                    | (4.0%)                            | 243                    | 12.0%                                 | 2.0%                                                   |
| Private Institutions <sup>e</sup>        | --                     | 144                    | 100.0%                            | 151                    | 4.9%                              | 133                    | (11.9%)                           | 117                    | (12.0%)                           | 128                    | 9.4%                                  | 1.0%                                                   |
| Total                                    | 233                    | 378                    | 62.2%                             | 386                    | 2.1%                              | 359                    | (7.0%)                            | 334                    | (7.0%)                            | 371                    | 11.1%                                 | 3.0%                                                   |
| Doctor's Degrees                         |                        |                        |                                   |                        |                                   |                        |                                   |                        |                                   |                        |                                       |                                                        |
| Public Institutions                      | 321                    | 282                    | (12.1%)                           | 287                    | 1.8%                              | 248                    | (13.6%)                           | 240                    | (3.2%)                            | 295                    | 22.9%                                 | 2.4%                                                   |
| Private Institutions                     | 160                    | 125                    | (21.9%)                           | 158                    | 26.4%                             | 118                    | (25.3%)                           | 153                    | 29.7%                             | 158                    | (3.3%)                                | 1.3%                                                   |
| Total                                    | 481                    | 407                    | (15.4%)                           | 445                    | 9.3%                              | 366                    | (17.7%)                           | 393                    | 7.4%                              | 453                    | 15.3%                                 | 3.7%                                                   |
| Total Degrees                            |                        |                        |                                   |                        |                                   |                        |                                   |                        |                                   |                        |                                       |                                                        |
| Public Institutions                      | 6,891                  | 7,144                  | 3.7%                              | 7,298                  | 2.6%                              | 7,008                  | (4.0%)                            | 6,821                  | (2.7%)                            | 6,714                  | (1.6%)                                | 54.3%                                                  |
| Private Institutions                     | 5,247                  | 4,531                  | (13.7%)                           | 5,310                  | 17.2%                             | 5,322                  | 0.2%                              | 5,648                  | 6.1%                              | 5,653                  | 0.1%                                  | 45.7%                                                  |
| Total                                    | 12,138                 | 11,675                 | (3.8%)                            | 12,608                 | 8.0%                              | 12,330                 | (2.2%)                            | 12,469                 | 1.1%                              | 12,367                 | (0.8%)                                | 100.0%                                                 |
| Total Degrees Awarded Throughout U. S.   | 1,343,400 <sup>f</sup> | 1,337,100 <sup>g</sup> | (0.5%)                            | 1,353,100 <sup>h</sup> | 1.2%                              | 1,425,480 <sup>h</sup> | 5.4%                              | 1,446,500 <sup>h</sup> | 1.5%                              | 1,365,090 <sup>i</sup> | (5.6%)                                | --                                                     |
| Percent of U. S. Total From Utah Schools | 90%                    | 87%                    |                                   | 93%                    |                                   | 87%                    |                                   | 86%                    |                                   | 91%                    |                                       |                                                        |

<sup>a</sup>Does not include associate degrees.

<sup>b</sup>Includes, for all years reported, Master of Philosophy degrees awarded by the University of Utah.

<sup>c</sup>Includes, beginning with the 1974-75 academic year, six-year certificates awarded by Brigham Young University excepting the 1977-78, 1978-79, and 1979-80 academic years when none were earned.

<sup>d</sup>Includes, beginning with the 1976-77 academic year, Doctor of Pharmacy degrees awarded by the University of Utah.

<sup>e</sup>Represents, beginning with the 1975-76 academic year, J. D. first professional degrees awarded by Brigham Young University.

<sup>f</sup>Kenneth A. Simon and Martin M. Frankel, *Projections of Educational Statistics to 1983-84: 1974 Edition*, U. S. Department of Health, Education and Welfare, Education Division, National Center for Education Statistics Publication No. 75-209 (Washington, D. C. Government Printing Office, 1975), p. 44.

<sup>g</sup>Simon and Frankel, *Projections of Educational Statistics to 1984-85*, U. S. Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics Publication No. 76-210 (Washington, D. C. Government Printing Office, 1976), p. 42.

<sup>h</sup>Martin M. Frankel and Forrest W. Harrison, *Projections of Educational Statistics to 1985-86*, U. S. Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics Publication No. 77-402 (Washington, D. C. Government Printing Office, 1977), p. 33.

<sup>i</sup>Frankel (ed.), *Projections of Educational Statistics to 1988-89*, U. S. Department of Education, National Center for Education Statistics Publication No. forthcoming (Washington D.C. Government Printing Office, forthcoming).

Sources: HEGIS Reports, 1971-72 through 1979-80.

**TABLE 2**  
**Utah System of Higher Education**  
**Comparison of Degrees Conferred, 1970-71 and 1979-80**  
**Utah Public and Private Institutions, by Level of Degree and Area of Study**

|                                      | Bachelor's Degrees |              |               | Master's Degrees |              |              | Doctor's Degrees |            |              | Total Degrees |               |             |
|--------------------------------------|--------------------|--------------|---------------|------------------|--------------|--------------|------------------|------------|--------------|---------------|---------------|-------------|
|                                      | 1970               | 1979         |               | 1970             | 1979         |              | 1970             | 1979       |              | 1970          | 1979          |             |
|                                      | -71                | -80          | Increase      | -71              | -80          | Increase     | -71              | -80        | Increase     | -71           | -80           | Increase    |
|                                      | (1)                | (2)          | (3)           | (4)              | (5)          | (6)          | (7)              | (8)        | (9)          | (10)          | (11)          | (12)        |
| Agriculture & Natural Resources      | 253                | 353          | 39.5%         | 34               | 101          | 197.1%       | 24               | 15         | (37.5%)      | 311           | 469           | 50.8%       |
| Architecture & Environmental Design  | 59                 | 119          | 101.7%        | 5                | 31           | 520.0%       | --               | --         | --           | 64            | 150           | 134.4%      |
| Area Studies                         | 15                 | 44           | 193.3%        | 2                | 12           | 500.0%       | --               | --         | --           | 17            | 56            | 229.4%      |
| Biological Sciences                  | 505                | 335          | (3.4%)        | 49               | 66           | 34.7%        | 49               | 48         | (2.0%)       | 603           | 449           | (25.5%)     |
| Business & Management Communications | 1,116              | 1,467        | 31.5%         | 363              | 555          | 52.9%        | 2                | 4          | 100.0%       | 1,481         | 2,026         | 36.8%       |
| Computer & Informational Sciences    | 208                | 402          | 93.3%         | 16               | 28           | 75.0%        | --               | 4          | 100.0%       | 224           | 434           | 93.8%       |
| Education                            | 118                | 142          | 20.3%         | 5                | 20           | 300.0%       | --               | 3          | 100.0%       | 123           | 165           | 34.2%       |
| Engineering                          | 2,025              | 1,565        | (22.7%)       | 609              | 626          | 2.8%         | 136              | 188        | 38.2%        | 2,770         | 2,379         | (14.1%)     |
| Fine & Applied Arts                  | 635                | 722          | 13.7%         | 254              | 189          | (25.6%)      | 35               | 38         | 8.6%         | 924           | 949           | 2.7%        |
| Foreign Languages                    | 417                | 432          | 3.6%          | 64               | 55           | (14.1%)      | 11               | 9          | (18.2%)      | 492           | 496           | 0.8%        |
| Health Professions                   | 259                | 218          | (15.8%)       | 29               | 25           | (13.8%)      | 7                | 6          | (14.3%)      | 295           | 249           | (15.6%)     |
| Home Economics                       | 284                | 536          | 88.7%         | 48               | 83           | 72.9%        | 69               | 112        | 62.3%        | 401           | 731           | 82.3%       |
| Law                                  | 510                | 460          | (9.8%)        | 29               | 43           | 48.3%        | 6                | 9          | 50.0%        | 545           | 512           | (0.6%)      |
| Letters                              | 22                 | 3            | (86.4%)       | --               | --           | --           | 98               | 265        | 170.4%       | 120           | 268           | 123.3%      |
| Library Science                      | 555                | 318          | (42.7%)       | 74               | 79           | 6.8%         | 19               | 7          | (63.2%)      | 648           | 404           | (37.6%)     |
| Mathematics                          | --                 | --           | --            | 43               | 37           | (13.9%)      | --               | --         | --           | 43            | 37            | (13.9%)     |
| Military Sciences                    | 153                | 65           | (57.5%)       | 35               | 19           | (45.7%)      | 8                | 5          | (37.5%)      | 196           | 89            | (54.6%)     |
| Physical Sciences                    | 2                  | --           | (100.0%)      | --               | --           | --           | --               | --         | --           | 2             | --            | (100.0%)    |
| Psychology                           | 276                | 245          | (11.2%)       | 39               | 82           | 110.3%       | 56               | 38         | (32.1%)      | 371           | 365           | (1.6%)      |
| Public Affairs & Services            | 311                | 355          | 14.1%         | 29               | 11           | (62.1%)      | 16               | 32         | 100.0%       | 356           | 398           | 11.8%       |
| Social Sciences                      | 147                | 271          | 84.4%         | 154              | 192          | 24.7%        | --               | 12         | 100.0%       | 301           | 475           | 57.8%       |
| Theology                             | 1,492              | 978          | (34.4%)       | 119              | 81           | 31.9%        | 19               | 29         | 52.6%        | 1,630         | 1,088         | (33.2%)     |
| Interdisciplinary                    | --                 | 3            | 100.0%        | 19               | --           | (100.0%)     | 5                | --         | (100.0%)     | 24            | 3             | (87.5%)     |
|                                      | 48                 | 174          | 262.5%        | --               | 1            | 100.0%       | --               | --         | --           | 48            | 175           | 264.6%      |
| <b>Total</b>                         | <b>9,410</b>       | <b>9,207</b> | <b>(2.2%)</b> | <b>2,019</b>     | <b>2,336</b> | <b>15.7%</b> | <b>560</b>       | <b>824</b> | <b>47.1%</b> | <b>11,989</b> | <b>12,367</b> | <b>3.2%</b> |

**TABLE 3**  
**Utah System of Higher Education**  
**Bachelor Degrees Conferred Public and Private Institutions,**  
**1974-75 Through 1979-80 by Institution**

|                                               | 1974-75       | 1975-76       | 1976-77      | 1977-78       | 1978-79      | 1979-80       | Ten-<br>Year<br>Total | Percent<br>Increase<br>1979-80<br>Over<br>1970-71 |
|-----------------------------------------------|---------------|---------------|--------------|---------------|--------------|---------------|-----------------------|---------------------------------------------------|
|                                               | (1)           | (2)           | (3)          | (4)           | (5)          | (6)           | (7)                   | (8)                                               |
| <u>System Institutions</u>                    |               |               |              |               |              |               |                       |                                                   |
| University of Utah                            | 2,491         | 2,665         | 2,640        | 2,616         | 2,556        | 2,382         | 25,328                | (1.1%)                                            |
| Utah State University                         | 1,386         | 1,288         | 1,346        | 1,295         | 1,353        | 1,374         | 14,036                | (9.7%)                                            |
| Weber State College                           | 781           | 765           | 842          | 804           | 721          | 818           | 8,129                 | (9.8%)                                            |
| Southern Utah State College                   | 255           | 249           | 254          | 211           | 234          | 247           | 2,613                 | (12.7%)                                           |
| Totals for System Institutions                | 4,913         | 4,967         | 5,082        | 4,926         | 4,864        | 4,821         | 50,106                | (5.8%)                                            |
| Yearly Percent Increase                       | (6.4%)        | 1.1%          | 2.3%         | (3.1%)        | (1.3%)       | (0.9%)        | --                    | --                                                |
| <u>Private Institutions</u>                   |               |               |              |               |              |               |                       |                                                   |
| Brigham Young University                      | 4,077         | 3,451         | 3,973        | 3,997         | 4,115        | 4,155         | 40,383                | 0.3%                                              |
| Westminster College                           | 164           | 211           | 246          | 266           | 275          | 231           | 2,003                 | 87.8%                                             |
| Totals for Private Institutions               | 4,241         | 3,662         | 4,219        | 4,263         | 4,390        | 4,386         | 42,386                | 2.8%                                              |
| Yearly Percent Increase                       | (0.2%)        | (13.7%)       | 15.2%        | 1.0%          | 3.0%         | (0.1%)        | --                    | --                                                |
| <u>Total Bachelor Degrees Awarded in Utah</u> | <u>9,154</u>  | <u>8,629</u>  | <u>9,301</u> | <u>9,189</u>  | <u>9,254</u> | <u>9,207</u>  | <u>92,492</u>         | <u>(1.9%)</u>                                     |
| <u>Yearly Percent Increase for All Utah</u>   | <u>(3.6%)</u> | <u>(5.7%)</u> | <u>7.8%</u>  | <u>(1.2%)</u> | <u>0.7%</u>  | <u>(0.5%)</u> | <u>--</u>             | <u>--</u>                                         |

Source: HEGIS Reports, 1970-71 through 1979-80.

**TABLE 4**  
**Utah System of Higher Education**  
**Bachelor Degrees Conferred — 1975-76 Through 1979-80**  
**by Public and Private Institutions and Area of Study**

| Area of Study                              | Public Institutions |                |                |                |                |                     | Private Institutions |                |                |                 |                 |                      | Public & Private 5-Year Total | Percent of Total Degrees |
|--------------------------------------------|---------------------|----------------|----------------|----------------|----------------|---------------------|----------------------|----------------|----------------|-----------------|-----------------|----------------------|-------------------------------|--------------------------|
|                                            | 1975-76<br>(1)      | 1976-77<br>(2) | 1977-78<br>(3) | 1978-79<br>(4) | 1979-80<br>(5) | 5-Year Total<br>(6) | 1975-76<br>(7)       | 1976-77<br>(8) | 1977-78<br>(9) | 1978-79<br>(10) | 1979-80<br>(11) | 5-Year Total<br>(12) |                               |                          |
| Agriculture & Natural Resources            | 238                 | 226            | 253            | 259            | 242            | 1,218               | 80                   | 109            | 99             | 109             | 111             | 508                  | 1,726                         | 3.8%                     |
| Architecture & Environmental Design        | 31                  | 17             | 28             | 31             | 38             | 145                 | 51                   | 63             | 68             | 96              | 81              | 359                  | 504                           | 1.1%                     |
| Area Studies                               | 5                   | 5              | 2              | 8              | 7              | 27                  | 15                   | 15             | 16             | 26              | 37              | 109                  | 136                           | 0.3%                     |
| Biological Sciences                        | 255                 | 241            | 198            | 177            | 146            | 1,017               | 179                  | 235            | 222            | 191             | 189             | 1,016                | 2,033                         | 4.5%                     |
| Business & Management                      | 814                 | 792            | 820            | 809            | 793            | 4,028               | 431                  | 485            | 533            | 681             | 674             | 2,804                | 6,832                         | 15.0%                    |
| Communications                             | 135                 | 127            | 137            | 122            | 136            | 657                 | 147                  | 220            | 204            | 183             | 266             | 1,020                | 1,677                         | 3.7%                     |
| Computer & Information Sciences            | 66                  | 61             | 55             | 62             | 78             | 322                 | 24                   | 33             | 36             | 38              | 64              | 195                  | 517                           | 1.1%                     |
| Education                                  | 696                 | 805            | 720            | 691            | 758            | 3,670               | 714                  | 726            | 767            | 782             | 807             | 3,796                | 7,466                         | 16.4%                    |
| Engineering                                | 327                 | 359            | 381            | 419            | 427            | 1,913               | 179                  | 243            | 256            | 281             | 295             | 1,254                | 3,167                         | 6.9%                     |
| Fine & Applied Arts                        | 256                 | 273            | 231            | 197            | 237            | 1,194               | 168                  | 171            | 167            | 185             | 195             | 886                  | 2,080                         | 4.6%                     |
| Foreign Languages                          | 87                  | 76             | 91             | 66             | 74             | 394                 | 131                  | 163            | 116            | 122             | 144             | 676                  | 1,070                         | 2.3%                     |
| Health Professions                         | 293                 | 274            | 256            | 316            | 323            | 1,462               | 92                   | 169            | 155            | 230             | 213             | 859                  | 2,321                         | 5.1%                     |
| Home Economics                             | 183                 | 188            | 221            | 191            | 176            | 959                 | 297                  | 402            | 377            | 348             | 284             | 1,708                | 2,667                         | 5.8%                     |
| Law                                        | 9                   | 3              | 4              | 4              | 3              | 23                  | --                   | --             | 1              | --              | --              | 1                    | 24                            | 0.0%                     |
| Letters                                    | 252                 | 232            | 244            | 237            | 193            | 1,158               | 158                  | 136            | 128            | 148             | 125             | 695                  | 1,853                         | 4.1%                     |
| Mathematics                                | 70                  | 48             | 64             | 50             | 38             | 270                 | 40                   | 41             | 51             | 41              | 27              | 200                  | 470                           | 1.0%                     |
| Physical Sciences                          | 152                 | 172            | 183            | 142            | 163            | 812                 | 64                   | 104            | 87             | 84              | 82              | 421                  | 1,233                         | 2.7%                     |
| Psychology                                 | 302                 | 248            | 241            | 277            | 239            | 1,307               | 134                  | 128            | 123            | 100             | 116             | 601                  | 1,908                         | 4.2%                     |
| Public Affairs & Services                  | 130                 | 174            | 139            | 122            | 125            | 690                 | 178                  | 150            | 153            | 131             | 146             | 758                  | 1,448                         | 3.2%                     |
| Social Sciences                            | 647                 | 711            | 597            | 617            | 566            | 3,138               | 352                  | 344            | 446            | 392             | 412             | 1,946                | 5,094                         | 11.2%                    |
| Theology                                   | --                  | --             | --             | --             | --             | --                  | --                   | 3              | --             | --              | 3               | 6                    | 6                             | 0.0%                     |
| Interdisciplinary Studies                  | 19                  | 50             | 61             | 67             | 59             | 256                 | 228                  | 279            | 258            | 222             | 115             | 1,102                | 1,358                         | 3.0%                     |
| <b>Total</b>                               | <b>4,967</b>        | <b>5,082</b>   | <b>4,926</b>   | <b>4,864</b>   | <b>4,821</b>   | <b>24,660</b>       | <b>3,662</b>         | <b>4,219</b>   | <b>4,263</b>   | <b>4,390</b>    | <b>4,386</b>    | <b>20,920</b>        | <b>45,580</b>                 | <b>100.0%</b>            |
| <b>Percent Increase Over Previous Year</b> | <b>1.1%</b>         | <b>2.3%</b>    | <b>(3.1%)</b>  | <b>(1.3%)</b>  | <b>(0.4%)</b>  | <b>--</b>           | <b>(13.7%)</b>       | <b>15.2%</b>   | <b>1.0%</b>    | <b>3.0%</b>     | <b>(0.1%)</b>   | <b>--</b>            | <b>--</b>                     | <b>--</b>                |

Source: HEGIS Reports, 1975-76 through 1979-80.



**TABLE 5**  
**Utah System of Higher Education**  
**Total Bachelor's Degrees Awarded 1979-80**  
**by Major Field of Study and Sex**

| Major Field<br>of Study             | Public       |            |              |            |             |            |             |            | Total        |              | Private      |              |             |            | Total        |              | Total         |              |
|-------------------------------------|--------------|------------|--------------|------------|-------------|------------|-------------|------------|--------------|--------------|--------------|--------------|-------------|------------|--------------|--------------|---------------|--------------|
|                                     | U of U       |            | USU          |            | WSC         |            | SUSC        |            | Public       |              | BYU          |              | Westminster |            | Private      |              | Total         |              |
|                                     | M            | W          | M            | W          | M           | W          | M           | W          | M            | W            | M            | W            | M           | W          | M            | W            | M             | W            |
|                                     | (1)          | (2)        | (3)          | (4)        | (5)         | (6)        | (7)         | (8)        | (9)          | (10)         | (11)         | (12)         | (13)        | (14)       | (15)         | (16)         | (17)          | (18)         |
| Agriculture & Natural Resources     | --           | --         | 187          | 55         | --          | --         | --          | --         | 187          | 55           | 98           | 13           | --          | --         | 98           | 13           | 285           | 68           |
| Architecture & Environmental Design | --           | --         | 32           | 6          | --          | --         | --          | --         | 32           | 6            | 12           | 69           | --          | --         | 12           | 69           | 44            | 75           |
| Area Studies                        | 1            | 4          | --           | 2          | --          | --         | --          | --         | 1            | 6            | 29           | 7            | --          | 1          | 29           | 8            | 30            | 14           |
| Biological Sciences                 | 36           | 15         | 33           | 12         | 23          | 7          | 11          | 9          | 103          | 43           | 153          | 31           | 5           | --         | 158          | 31           | 261           | 74           |
| Business & Management               | 319          | 61         | 147          | 41         | 146         | 32         | 34          | 13         | 646          | 147          | 564          | 50           | 45          | 15         | 609          | 65           | 1,255         | 212          |
| Communications                      | 60           | 37         | 5            | 5          | 14          | 11         | 4           | --         | 83           | 53           | 171          | 95           | --          | --         | 171          | 95           | 254           | 148          |
| Computer & Information Sciences     | 29           | 5          | 13           | 5          | 21          | 5          | 38          | 72         | 101          | 87           | 58           | 2            | 4           | --         | 62           | 2            | 163           | 89           |
| Education                           | 35           | 170        | 106          | 193        | 33          | 111        | --          | --         | 174          | 474          | 198          | 582          | 6           | 21         | 204          | 603          | 378           | 1,077        |
| Engineering                         | 232          | 8          | 103          | 4          | 72          | 2          | 6           | --         | 413          | 14           | 286          | 9            | --          | --         | 286          | 9            | 699           | 23           |
| Fine & Applied Arts                 | 48           | 76         | 35           | 45         | 12          | 4          | 9           | 8          | 104          | 133          | 76           | 110          | 3           | 6          | 79           | 116          | 183           | 249          |
| Foreign Languages                   | 24           | 25         | 6            | 7          | 5           | 4          | 2           | 1          | 37           | 37           | 90           | 53           | --          | 1          | 90           | 54           | 127           | 91           |
| Health Professions                  | 75           | 192        | 27           | 14         | 11          | 4          | --          | --         | 113          | 210          | 50           | 118          | 3           | 42         | 53           | 160          | 166           | 370          |
| Home Economics                      | 8            | 67         | --           | 76         | 4           | 20         | --          | 1          | 12           | 164          | 31           | 253          | --          | --         | 31           | 253          | 43            | 417          |
| Law                                 | --           | --         | 2            | 1          | --          | --         | --          | --         | 2            | 1            | --           | --           | --          | --         | --           | --           | 2             | 1            |
| Letters                             | 66           | 86         | 9            | 16         | 3           | 10         | 2           | 1          | 80           | 113          | 55           | 63           | --          | 7          | 55           | 70           | 135           | 183          |
| Mathematics                         | 19           | 1          | 7            | --         | 5           | 1          | 3           | 2          | 34           | 4            | 22           | 3            | 2           | --         | 24           | 3            | 58            | 7            |
| Physical Sciences                   | 99           | 10         | 23           | 2          | 24          | --         | 4           | 1          | 150          | 13           | 72           | 6            | 3           | 1          | 75           | 7            | 225           | 20           |
| Psychology                          | 93           | 74         | 26           | 10         | 13          | 15         | 4           | 4          | 136          | 103          | 61           | 53           | --          | 2          | 61           | 55           | 197           | 158          |
| Public Affairs & Services           | 20           | 20         | 7            | 17         | 54          | 7          | --          | --         | 81           | 44           | 67           | 75           | 4           | --         | 71           | 75           | 152           | 119          |
| Social Sciences                     | 236          | 131        | 66           | 24         | 67          | 24         | 12          | 6          | 381          | 185          | 260          | 95           | 20          | 37         | 280          | 132          | 661           | 317          |
| Theology                            | --           | --         | --           | --         | --          | --         | --          | --         | --           | --           | --           | --           | --          | 3          | --           | 3            | --            | 3            |
| Interdisciplinary Studies           | --           | --         | 4            | 1          | 36          | 18         | --          | --         | 40           | 19           | 59           | 56           | --          | --         | 59           | 56           | 99            | 75           |
| <b>Total</b>                        | <b>1,400</b> | <b>982</b> | <b>838</b>   | <b>536</b> | <b>543</b>  | <b>275</b> | <b>129</b>  | <b>118</b> | <b>2,910</b> | <b>1,911</b> | <b>2,412</b> | <b>1,743</b> | <b>95</b>   | <b>136</b> | <b>2,507</b> | <b>1,879</b> | <b>5,417</b>  | <b>3,790</b> |
| Institution Total                   | <u>2,382</u> |            | <u>1,374</u> |            | <u>818</u>  |            | <u>247</u>  |            | <u>4,821</u> |              | <u>4,155</u> |              | <u>231</u>  |            | <u>4,386</u> |              | <u>9,207</u>  |              |
| Percent of Total                    | <u>25.9%</u> |            | <u>14.9%</u> |            | <u>8.9%</u> |            | <u>2.7%</u> |            | <u>52.4%</u> |              | <u>45.1%</u> |              | <u>2.5%</u> |            | <u>47.6%</u> |              | <u>100.0%</u> |              |

Source: HEGIS Reports 1979-80.



**TABLE 6**  
**Utah System of Higher Education**  
**Total Yearly Bachelor Degrees Conferred — Public and Private Institutions,**  
**1974-75 Through 1979-80 by Area of Study**

| <u>Area of Study</u>                | <u>1974-75</u> | <u>1975-76</u> | <u>1976-77</u> | <u>1977-78</u> | <u>1978-79</u> | <u>1979-80</u> |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                     | (1)            | (2)            | (3)            | (4)            | (5)            | (6)            |
| Agriculture & Natural Resources     | 332            | 318            | 335            | 352            | 368            | 353            |
| Architecture & Environmental Design | 65             | 82             | 80             | 96             | 127            | 119            |
| Area Studies                        | 14             | 20             | 20             | 18             | 34             | 44             |
| Biological Sciences                 | 456            | 434            | 476            | 420            | 368            | 335            |
| Business & Management               | 1,253          | 1,245          | 1,277          | 1,353          | 1,490          | 1,467          |
| Communications                      | 242            | 282            | 347            | 341            | 305            | 402            |
| Computer & Informational Sciences   | 109            | 90             | 94             | 91             | 100            | 142            |
| Education                           | 1,580          | 1,410          | 1,531          | 1,487          | 1,473          | 1,565          |
| Engineering                         | 554            | 506            | 602            | 637            | 700            | 722            |
| Fine and Applied Arts               | 402            | 424            | 444            | 398            | 382            | 432            |
| Foreign Languages                   | 269            | 218            | 239            | 207            | 188            | 218            |
| Health Professions                  | 411            | 385            | 443            | 411            | 546            | 536            |
| Home Economics                      | 577            | 480            | 590            | 598            | 539            | 460            |
| Law                                 | --             | 9              | 3              | 5              | 4              | 3              |
| Letters                             | 489            | 410            | 368            | 372            | 385            | 318            |
| Mathematics                         | 114            | 110            | 89             | 115            | 91             | 65             |
| Physical Sciences                   | 264            | 216            | 276            | 270            | 226            | 245            |
| Psychology                          | 430            | 436            | 376            | 364            | 377            | 355            |
| Public Affairs & Services           | 232            | 308            | 324            | 292            | 253            | 271            |
| Social Sciences                     | 1,078          | 999            | 1,055          | 1,043          | 1,009          | 978            |
| Theology                            | --             | --             | 3              | --             | --             | 3              |
| Interdisciplinary                   | 283            | 247            | 329            | 319            | 289            | 174            |
| <b>Total</b>                        | <u>9,154</u>   | <u>8,629</u>   | <u>9,301</u>   | <u>9,189</u>   | <u>9,254</u>   | <u>9,207</u>   |

Source: HEGIS Reports, 1970-71 through 1979-80.

**TABLE 7**  
**Utah System of Higher Education**  
**Total Bachelor's Degrees Awarded 1979-80**  
**by Major Field of Study and Sex**

| Major Field of Study                           | U of U |   | USU |    | WSC |   | SUSC |   | Total Public |    | BYU |    | West-Minster |   | Total Private |    | Total |    |
|------------------------------------------------|--------|---|-----|----|-----|---|------|---|--------------|----|-----|----|--------------|---|---------------|----|-------|----|
|                                                | M      | W | M   | W  | M   | W | M    | W | M            | W  | M   | W  | M            | W | M             | W  | M     | W  |
| <b>Agriculture &amp; Natural Resources</b>     |        |   |     |    |     |   |      |   |              |    |     |    |              |   |               |    |       |    |
| Agronomy                                       |        |   |     |    |     |   |      |   |              |    | 21  |    |              |   | 21            |    | 21    |    |
| Animal Science                                 |        |   | 11  | 2  |     |   |      |   | 11           | 2  | 16  | 4  |              |   | 16            | 4  | 27    | 6  |
| Dairy Science                                  |        |   | 2   |    |     |   |      |   | 2            |    |     |    |              |   |               |    | 2     |    |
| Fish, Game & Wildlife Management               |        |   | 21  | 5  |     |   |      |   | 21           | 5  |     |    |              |   |               |    | 21    | 5  |
| Horticulture                                   |        |   |     |    |     |   |      |   |              |    | 9   | 3  |              |   | 9             | 3  | 9     | 3  |
| Agricultural Economics                         |        |   | 6   |    |     |   |      |   | 6            |    | 42  | 1  |              |   | 42            | 1  | 48    | 1  |
| Food Science & Technology                      |        |   | 6   | 11 |     |   |      |   | 6            | 11 |     | 1  |              |   | 1             |    | 6     | 12 |
| Forestry                                       |        |   | 31  | 10 |     |   |      |   | 31           | 10 |     |    |              |   |               |    | 31    | 10 |
| Natural Resources Management                   |        |   | 24  | 10 |     |   |      |   | 24           | 10 |     |    |              |   |               |    | 24    | 10 |
| Range Management                               |        |   | 29  | 5  |     |   |      |   | 29           | 5  | 10  | 4  |              |   | 10            | 4  | 39    | 9  |
| Soils Science                                  |        |   | 7   |    |     |   |      |   | 7            |    |     |    |              |   |               |    | 7     |    |
| International Agriculture                      |        |   | 2   | 1  |     |   |      |   | 2            | 1  |     |    |              |   |               |    | 2     | 1  |
| Watershed Science & Outdoor Recreation         |        |   | 20  | 8  |     |   |      |   | 20           | 8  |     |    |              |   |               |    | 20    | 8  |
| Agricultural Business                          |        |   | 13  |    |     |   |      |   | 13           |    |     |    |              |   |               |    | 13    |    |
| Plant Science                                  |        |   | 15  | 3  |     |   |      |   | 15           | 3  |     |    |              |   |               |    | 15    | 3  |
| <b>Architecture &amp; Environmental Design</b> |        |   |     |    |     |   |      |   |              |    |     |    |              |   |               |    |       |    |
| Landscape Architecture                         |        |   | 32  | 6  |     |   |      |   | 32           | 6  |     |    |              |   |               |    | 32    | 6  |
| Interior Design                                |        |   |     |    |     |   |      |   |              |    | 12  | 69 |              |   | 12            | 69 | 12    | 69 |
| <b>Area Studies</b>                            |        |   |     |    |     |   |      |   |              |    |     |    |              |   |               |    |       |    |
| Asian Studies, General                         |        |   |     |    |     |   |      |   |              |    | 15  | 2  |              |   | 15            | 2  | 15    | 2  |
| Latin American Studies                         |        | 1 |     |    |     |   |      |   | 1            |    | 4   | 1  |              |   | 4             | 1  | 4     | 2  |
| European Studies General                       |        |   |     |    |     |   |      |   |              |    | 3   | 3  |              |   | 3             | 3  | 3     | 3  |
| American Studies                               |        |   |     | 2  |     |   |      |   | 2            |    | 7   | 1  |              |   | 7             | 1  | 7     | 3  |
| East Asian Studies                             | 1      | 1 |     |    |     |   |      |   | 1            | 1  |     |    |              |   |               |    | 1     | 1  |
| Middle Eastern Studies                         |        | 2 |     |    |     |   |      |   |              | 2  |     |    |              |   |               |    |       | 2  |
| West European Studies                          |        |   |     |    |     |   |      |   |              |    |     |    | 1            |   |               |    |       | 1  |

TABLE 7 (Cont.)

| Major Field of Study            | U of U |     | USU |     | WSC |    | SUSC |    | Total Public |     | BYU |     | West-minster |    | Total Private |     | Total |     |
|---------------------------------|--------|-----|-----|-----|-----|----|------|----|--------------|-----|-----|-----|--------------|----|---------------|-----|-------|-----|
|                                 | M      | W   | M   | W   | M   | W  | M    | W  | M            | W   | M   | W   | M            | W  | M             | W   | M     | W   |
| Biological Sciences             |        |     |     |     |     |    |      |    |              |     |     |     |              |    |               |     |       |     |
| Biology General                 | 36     | 15  | 33  | 12  |     |    | 4    | 2  | 73           | 29  |     |     | 5            |    | 5             |     | 78    | 29  |
| Botany, General                 |        |     |     |     |     | 2  | 2    | 4  | 2            | 6   | 4   | 4   |              |    | 4             | 4   | 6     | 10  |
| Zoology, General                |        |     |     |     | 18  | 2  | 5    | 3  | 23           | 5   | 104 | 21  |              |    | 104           | 21  | 127   | 26  |
| Microbiology                    |        |     |     |     | 5   | 3  |      |    | 5            | 3   | 45  | 6   |              |    | 45            | 6   | 50    | 9   |
| Business & Management           |        |     |     |     |     |    |      |    |              |     |     |     |              |    |               |     |       |     |
| Business & Commerce, General    | 1      | 1   |     |     |     |    |      |    | 1            | 1   | 2   |     |              |    | 2             |     | 3     | 1   |
| Accounting                      | 131    | 22  | 37  | 6   | 53  | 13 | 18   | 6  | 239          | 47  | 218 | 19  | 8            | 1  | 226           | 20  | 465   | 67  |
| Banking & Finance               | 91     | 14  | 26  | 7   | 12  |    |      |    | 129          | 21  | 169 | 11  |              |    | 169           | 11  | 298   | 32  |
| Bus. Mgmt & Administration      | 68     | 17  | 26  | 17  | 41  | 8  | 16   | 7  | 151          | 49  | 39  | 7   | 34           | 12 | 73            | 19  | 224   | 68  |
| Human Resources Management      |        |     |     |     |     |    |      |    |              |     |     |     | 2            | 1  | 2             | 1   | 2     | 1   |
| Marketing & Purchasing          | 23     | 6   | 39  | 7   | 12  | 4  |      | 17 | 74           | 17  | 121 | 11  |              |    | 121           | 11  | 195   | 28  |
| Secretarial Studies             |        |     |     |     |     | 1  |      |    |              | 1   |     |     |              |    |               |     |       | 1   |
| Business Economics              | 5      | 1   |     |     | 4   | 2  |      |    | 9            | 3   | 15  | 2   |              |    | 15            | 2   | 24    | 5   |
| Govt. Logistics Management      |        |     |     |     | 18  | 2  |      |    | 18           | 2   |     |     |              |    |               |     | 18    | 2   |
| Real Estate                     |        |     |     |     | 6   | 2  |      |    | 6            | 2   |     |     |              |    |               |     | 6     | 2   |
| Personnel Management            |        |     | 14  | 3   |     |    |      |    | 14           | 3   |     |     | 1            | 1  | 1             | 1   | 15    | 4   |
| Operations Research             |        |     | 5   | 1   |     |    |      |    | 5            | 1   |     |     |              |    |               |     | 5     | 1   |
| Communications                  |        |     |     |     |     |    |      |    |              |     |     |     |              |    |               |     |       |     |
| Communications, General         |        |     |     |     | 14  | 11 | 4    |    | 18           | 11  | 93  | 57  |              |    | 93            | 57  | 111   | 68  |
| Journalism                      | 60     | 37  | 5   | 5   |     |    |      |    | 65           | 42  | 19  | 20  |              |    | 19            | 20  | 84    | 62  |
| Advertising                     |        |     |     |     |     |    |      |    |              |     | 26  | 4   |              |    | 26            | 4   | 26    | 4   |
| Radio/Television                |        |     |     |     |     |    |      |    |              |     | 33  | 14  |              |    | 33            | 14  | 33    | 14  |
| Computer & Information Sciences |        |     |     |     |     |    |      |    |              |     |     |     |              |    |               |     |       |     |
| Computer & Info.Sci. General    | 29     | 5   | 13  | 5   |     |    |      |    | 42           | 10  | 58  | 2   | 4            |    | 62            | 2   | 104   | 12  |
| Data Processing                 |        |     |     |     | 21  | 5  |      |    | 21           | 5   |     |     |              |    |               |     | 21    | 5   |
| Education                       |        |     |     |     |     |    |      |    |              |     |     |     |              |    |               |     |       |     |
| Education, General              |        |     |     |     |     |    |      |    |              |     | 77  |     |              |    | 77            |     | 77    |     |
| Elementary Education General    | 12     | 107 | 23  | 115 | 21  | 91 | 10   | 55 | 66           | 368 | 53  | 348 | 2            | 13 | 55            | 361 | 121   | 729 |
| Secondary Education General     |        |     | 11  | 7   |     |    |      |    | 11           | 7   | 1   |     |              |    | 1             |     | 12    | 7   |
| Special Education General       | 4      | 25  | 6   | 28  |     |    |      |    | 10           | 53  |     |     |              |    |               |     | 10    | 53  |
| Special Learning Disabilities   |        |     |     |     |     |    |      |    |              |     | 3   | 24  |              |    | 3             | 24  | 3     | 24  |
| Art Education                   |        |     |     |     |     |    |      |    |              |     | 8   | 4   |              |    | 8             | 4   | 8     | 4   |
| Music Education                 |        |     |     |     | 2   | 2  |      |    | 2            | 2   | 9   | 8   |              |    | 9             | 8   | 11    | 10  |

TABLE 7 (Cont.)

| Major Field of Study                                 | U of U |    | USU |    | WSC |    | SUSC |   | Total Public |    | BYU |    | West-minster |   | Total Private |    | Total |    |
|------------------------------------------------------|--------|----|-----|----|-----|----|------|---|--------------|----|-----|----|--------------|---|---------------|----|-------|----|
|                                                      | M      | W  | M   | W  | M   | W  | M    | W | M            | W  | M   | W  | M            | W | M             | W  | M     | W  |
| Mathematics Education                                |        |    | 1   | 1  | 2   |    |      |   | 3            | 1  | 5   | 6  |              |   | 5             | 6  | 8     | 7  |
| Physical Education                                   | 16     | 22 | 26  | 23 | 1   |    | 7    | 9 | 44           | 54 | 39  | 19 | 4            | 2 | 43            | 21 | 87    | 75 |
| Health Education                                     | 9      | 16 | 6   | 6  |     |    |      |   | 15           | 22 |     | 1  |              |   |               |    | 15    | 23 |
| Business, Commerce &<br>Distributive Education       |        |    | 3   | 11 |     | 4  | 5    | 8 | 8            | 23 | 11  | 31 |              |   | 11            | 31 | 19    | 54 |
| Industrial Arts, Vocational<br>& Technical Education |        |    | 15  |    |     |    | 16   |   | 31           |    | 37  |    |              |   | 37            |    | 68    |    |
| Pre-elementary Education                             |        |    |     |    |     |    |      |   |              |    |     |    | 6            |   | 6             |    |       | 6  |
| Agricultural Education                               |        |    | 15  | 2  |     |    |      |   | 15           | 2  |     |    |              |   |               |    | 15    | 2  |
| Physical Education Nonteaching                       |        |    |     |    | 7   | 14 |      |   | 7            | 14 |     |    |              |   |               |    | 7     | 14 |
| Educational Psychology                               |        |    |     |    |     |    |      |   |              |    |     | 1  |              |   |               | 1  |       | 1  |
| Earth Sci. & Social Sci. Education                   |        |    |     |    |     |    |      |   |              |    | 2   |    |              |   | 2             |    | 2     |    |
| Child Devel. & Family Relations Ed.                  |        |    |     |    |     |    |      |   |              |    |     | 2  |              |   |               | 2  |       | 2  |
| Humanities & Indian Education                        |        |    |     |    |     |    |      |   |              |    |     | 2  |              |   |               | 2  |       | 2  |
| Education of Mentally Retarded                       |        |    |     |    |     |    |      |   |              |    | 6   | 15 |              |   | 6             | 15 | 6     | 15 |
| Educational Supervision                              |        |    |     |    |     |    |      |   |              |    | 15  | 34 |              |   | 15            | 34 | 15    | 34 |
| Bioagricultural Education                            |        |    |     |    |     |    |      |   |              |    | 9   | 10 |              |   | 9             | 10 | 9     | 10 |
| Engineering                                          |        |    |     |    |     |    |      |   |              |    |     |    |              |   |               |    |       |    |
| Chemical Engineering                                 | 28     | 2  |     |    |     |    |      |   | 28           | 2  | 36  | 1  |              |   | 36            | 1  | 64    | 3  |
| Civil, Construction, &<br>Transportation Eng.        | 39     | 2  | 26  | 2  |     |    |      |   | 65           | 4  | 50  | 5  |              |   | 50            | 5  | 115   | 9  |
| Electrical, Electronics &<br>Communications Eng.     | 65     |    | 25  | 1  |     |    |      |   | 90           | 1  | 61  | 1  |              |   | 61            | 1  | 151   | 2  |
| Mechanical Engineering                               | 50     | 1  | 25  |    |     |    |      |   | 75           | 1  | 57  | 1  |              |   | 57            | 1  | 132   | 2  |
| Geological Engineering                               | 1      |    |     |    |     |    |      |   | 1            |    | 2   |    |              |   | 2             |    | 3     |    |
| Industrial & Management Eng.                         | 11     | 1  |     |    |     |    |      |   | 11           | 1  | 2   |    |              |   | 2             |    | 13    | 1  |
| Metallurgical Engineering                            | 7      | 1  |     |    |     |    |      |   | 7            | 1  |     |    |              |   |               |    | 7     | 1  |
| Materials Engineering                                | 3      |    |     |    |     |    |      |   | 3            |    |     |    |              |   |               |    | 3     |    |
| Petroleum Engineering                                | 6      |    |     |    |     |    |      |   | 6            |    |     |    |              |   |               |    | 6     |    |
| Mining & Mineral Engineering                         | 22     | 1  |     |    |     |    |      |   | 22           | 1  |     |    |              |   |               |    | 22    | 1  |
| Engineering Technologies                             |        |    | 22  |    | 72  | 2  | 6    |   | 100          | 2  | 78  | 1  |              |   | 78            | 1  | 178   | 3  |
| Agricultural Engineering                             |        |    | 5   | 1  |     |    |      |   | 5            | 1  |     |    |              |   |               |    | 5     | 1  |

TABLE 7 (Cont.)

| Major Field of Study                                    | U of U |     | USU |    | WSC |   | SUSC |   | Total Public |     | BYU |    | West-minster |    | Total Private |    | Total |     |
|---------------------------------------------------------|--------|-----|-----|----|-----|---|------|---|--------------|-----|-----|----|--------------|----|---------------|----|-------|-----|
|                                                         | M      | W   | M   | W  | M   | W | M    | W | M            | W   | M   | W  | M            | W  | M             | W  | M     | W   |
| Fine and Applied Arts                                   |        |     |     |    |     |   |      |   |              |     |     |    |              |    |               |    |       |     |
| Photography                                             |        |     |     |    | 4   | 1 |      |   | 4            | 1   | 8   | 2  |              |    | 8             | 2  | 12    | 3   |
| Art (Painting, Drawing, Sculpt)                         | 22     | 17  | 22  | 25 | 4   | 2 | 2    | 3 | 50           | 47  | 15  | 26 | 1            | 4  | 16            | 30 | 66    | 77  |
| Music (Performing, Composition, Theory)                 | 12     | 12  | 5   | 7  |     |   | 4    | 3 | 21           | 22  | 14  | 30 | 1            | 1  | 15            | 31 | 36    | 53  |
| Music (Liberal Arts Program)                            |        |     |     |    | 2   |   |      |   | 2            |     |     |    |              |    |               |    | 2     |     |
| Dramatic Arts                                           | 4      | 15  | 8   | 7  |     |   | 3    | 2 | 15           | 24  | 13  | 30 | 1            | 1  | 14            | 31 | 29    | 55  |
| Dance                                                   | 10     | 31  |     | 6  |     |   |      |   | 10           | 37  | 2   | 17 |              |    | 2             | 17 | 12    | 54  |
| Art History and Appreciation                            |        | 1   |     |    |     |   |      |   |              | 1   | 2   | 3  |              |    | 2             | 3  | 2     | 3   |
| Cinematography                                          |        |     |     |    |     |   |      |   |              |     | 8   |    |              |    | 8             |    | 8     |     |
| Applied Design                                          |        |     |     |    | 2   | 1 |      |   | 2            | 1   | 14  | 2  |              |    | 14            | 2  | 16    | 3   |
| Foreign Languages                                       |        |     |     |    |     |   |      |   |              |     |     |    |              |    |               |    |       |     |
| Foreign Languages, General                              |        |     |     |    |     |   | 2    | 1 | 2            | 1   |     |    |              |    |               |    | 2     | 1   |
| French                                                  | 4      | 4   | 1   | 3  | 1   |   |      |   | 6            | 7   | 11  | 9  |              |    | 11            | 9  | 17    | 16  |
| German                                                  | 7      | 6   | 2   | 1  | 3   | 2 |      |   | 12           | 9   | 10  | 1  |              |    | 10            | 1  | 22    | 10  |
| Spanish                                                 | 10     | 12  | 3   | 3  | 1   | 2 |      |   | 14           | 17  | 38  | 34 | 1            |    | 38            | 35 | 52    | 52  |
| Russian                                                 | 2      | 2   |     |    |     |   |      |   | 2            | 2   | 6   |    |              |    | 6             |    | 8     | 2   |
| Chinese                                                 |        |     |     |    |     |   |      |   |              |     | 7   | 2  |              |    | 7             | 2  | 7     | 2   |
| Japanese                                                |        |     |     |    |     |   |      |   |              |     | 6   | 1  |              |    | 6             | 1  | 6     | 1   |
| Latin                                                   | 1      | 1   |     |    |     |   |      |   | 1            | 1   | 2   |    |              |    | 2             |    | 3     | 1   |
| Greek, Classical                                        |        |     |     |    |     |   |      |   |              |     |     | 1  |              |    |               | 1  |       | 1   |
| Portuguese                                              |        |     |     |    |     |   |      |   |              |     | 3   |    |              |    | 3             |    | 3     |     |
| Italian                                                 |        |     |     |    |     |   |      |   |              |     | 7   | 5  |              |    | 7             | 5  | 7     | 5   |
| Health Professions                                      |        |     |     |    |     |   |      |   |              |     |     |    |              |    |               |    |       |     |
| Nursing (Baccalaureate and Higher Programs)             | 9      | 123 |     |    |     |   |      |   | 9            | 123 | 9   | 20 | 3            | 42 | 12            | 72 | 21    | 195 |
| Pharmacy                                                | 50     | 22  |     |    |     |   |      |   | 50           | 22  |     |    |              |    |               |    | 50    | 22  |
| Physical Therapy                                        | 10     | 13  |     |    |     |   |      |   | 10           | 13  | 3   | 3  |              |    | 3             | 3  | 13    | 16  |
| Public Health                                           |        |     | 4   | 4  |     |   |      |   | 4            | 4   | 16  | 25 |              |    | 16            | 25 | 20    | 29  |
| Speech Pathology and Audiology                          | 1      | 13  | 7   | 5  |     |   |      |   | 8            | 19  | 9   | 47 |              |    | 9             | 37 | 17    | 66  |
| Medical Lab. Technologies (Baccalaureate & Higher Prog) | 5      | 20  |     | 5  | 6   | 4 |      |   | 11           | 29  | 13  | 13 |              |    | 13            | 13 | 24    | 42  |
| Pre-veterinary Science                                  |        |     | 7   |    |     |   |      |   | 7            |     |     |    |              |    |               |    | 7     |     |
| Occupational Safety & Health                            |        |     | 9   |    |     |   |      |   | 9            |     |     |    |              |    |               |    | 9     |     |
| Nuclear Medicine                                        |        |     |     |    | 5   |   |      |   | 5            |     |     |    |              |    |               |    | 5     |     |

TABLE 7 (Cont.)

| Major Field of Study                   | U of U |    | USU |    | WSC |    | SUSC |   | Total Public |     | BYU |     | West-minster |    | Total Private |     | Total |     |
|----------------------------------------|--------|----|-----|----|-----|----|------|---|--------------|-----|-----|-----|--------------|----|---------------|-----|-------|-----|
|                                        | M      | W  | M   | W  | M   | W  | M    | W | M            | W   | M   | W   | M            | W  | M             | W   | M     | W   |
| Home Economics                         |        |    |     |    |     |    |      |   |              |     |     |     |              |    |               |     |       |     |
| Home Economics, General                |        | 10 |     | 31 |     |    |      | 1 |              | 42  |     |     |              |    |               |     |       | 42  |
| Clothing and Textiles                  |        |    |     | 14 |     |    |      |   |              | 14  | 1   | 62  |              |    | 1             | 62  | 1     | 76  |
| Consumer Econ. & Home Mgmt.            | 3      | 33 |     | 1  |     |    |      |   | 3            | 34  | 16  | 14  |              |    | 16            | 14  | 19    | 48  |
| Family Relations & Child Dev.          | 1      | 16 |     | 30 | 4   | 20 |      |   | 5            | 66  | 12  | 154 |              |    | 12            | 154 | 17    | 220 |
| Foods and Nutrition                    | 4      | 8  |     |    |     |    |      |   | 4            | 8   | 2   | 23  |              |    | 2             | 23  | 6     | 31  |
| Law                                    |        |    |     |    |     |    |      |   |              |     |     |     |              |    |               |     |       |     |
| Law, General                           |        |    | 2   | 1  |     |    |      |   | 2            | 1   |     |     |              |    |               |     | 2     | 1   |
| Letters                                |        |    |     |    |     |    |      |   |              |     |     |     |              |    |               |     |       |     |
| English General                        | 27     | 55 | 1   | 12 | 3   | 10 | 2    | 1 | 33           | 78  | 46  | 53  | 4            | 46 | 57            | 79  | 135   |     |
| Linguistics                            | 1      | 3  |     |    |     |    |      |   | 1            | 3   |     |     |              |    |               |     | 1     | 3   |
| Speech, Debate, & Forensic Sci.        | 25     | 22 | 5   | 2  |     |    |      |   | 30           | 24  | 8   | 8   |              | 8  | 8             | 38  | 32    |     |
| Philosophy                             | 13     | 6  | 3   | 2  |     |    |      |   | 16           | 8   | 1   |     | 3            | 1  | 3             | 17  | 11    |     |
| Comparative Literature                 |        |    |     |    |     |    |      |   |              |     |     | 2   |              |    | 2             |     | 2     |     |
| Mathematics                            |        |    |     |    |     |    |      |   |              |     |     |     |              |    |               |     |       |     |
| Mathematics, General                   | 19     | 1  | 5   |    | 5   | 1  | 3    | 2 | 32           | 4   | 19  | 3   | 2            |    | 21            | 3   | 53    | 7   |
| Statistics, Mathematical & Theoretical |        |    | 2   |    |     |    |      |   | 2            |     | 3   |     |              |    | 3             |     | 5     |     |
| Physical Sciences                      |        |    |     |    |     |    |      |   |              |     |     |     |              |    |               |     |       |     |
| Physics, General                       | 13     |    | 3   |    | 4   |    | 1    |   | 21           |     | 19  | 1   |              |    | 19            | 1   | 40    | 1   |
| Chemistry, General                     | 26     | 6  | 7   |    | 9   |    | 3    | 2 | 45           | 7   | 33  | 3   |              |    | 33            | 3   | 78    | 10  |
| Atmospheric Sciences & Meteorology     | 20     | 2  |     |    |     |    |      |   | 20           | 2   |     |     |              |    |               |     | 20    | 2   |
| Geology                                | 28     | 2  | 13  | 2  | 11  |    |      |   | 52           | 4   | 20  | 2   |              |    | 20            | 2   | 72    | 6   |
| Geophysics & Seismology                | 12     |    |     |    |     |    |      |   | 12           |     |     |     |              |    |               |     | 12    |     |
| Physical Sciences, General             |        |    |     |    |     |    |      |   |              |     |     |     | 1            |    | 1             |     | 1     |     |
| Earth Sciences, General                |        |    |     |    |     |    |      |   |              |     |     |     | 2            | 1  | 2             | 1   | 2     | 1   |
| Psychology                             |        |    |     |    |     |    |      |   |              |     |     |     |              |    |               |     |       |     |
| Psychology, General                    | 93     | 74 | 26  | 10 | 13  | 15 | 4    | 4 | 136          | 103 | 61  | 53  | 2            | 61 | 55            | 197 | 158   |     |
| Public Affairs and Services            |        |    |     |    |     |    |      |   |              |     |     |     |              |    |               |     |       |     |
| Parks & Recreation Mgmt.               | 20     | 20 |     |    |     |    |      |   | 20           | 20  |     |     | 1            |    | 1             |     | 21    | 20  |
| Social Work & Helping Services         |        |    | 7   | 17 |     |    |      |   | 7            | 17  | 20  | 39  |              |    | 20            | 39  | 27    | 66  |
| Police Science                         |        |    |     |    | 54  | 7  |      |   | 54           | 7   |     |     |              |    |               |     | 54    | 7   |
| Law Enforcement & Corrections          |        |    |     |    |     |    |      |   |              |     | 31  | 9   |              |    | 31            | 9   | 31    | 9   |
| Community Services, General            |        |    |     |    |     |    |      |   |              |     | 16  | 17  |              |    | 16            | 17  | 16    | 17  |
| Aerospace/Aviation Studies             |        |    |     |    |     |    |      |   |              |     |     |     | 3            |    | 3             |     | 3     |     |

TABLE 7 (Cont.)

| Major Field of Study            | U of U |     | USU  |     | WSC |     | SUSC |     | Total Public |      | BYU   |       | West-minster |     | Total Private |      | Total |      |
|---------------------------------|--------|-----|------|-----|-----|-----|------|-----|--------------|------|-------|-------|--------------|-----|---------------|------|-------|------|
|                                 | M      | W   | M    | W   | M   | W   | M    | W   | M            | W    | M     | W     | M            | W   | M             | W    | M     | W    |
| Social Sciences                 |        |     |      |     |     |     |      |     |              |      |       |       |              |     |               |      |       |      |
| Social Sciences, General        | 1      | 10  |      |     |     |     | 2    |     | 3            | 10   | 2     | 1     |              |     | 2             | 1    | 5     | 11   |
| Anthropology                    | 11     | 10  |      |     |     |     |      |     | 11           | 10   |       |       | 1            |     |               | 1    | 11    | 11   |
| Archaeology                     |        |     |      |     |     |     |      |     |              |      | 6     | 6     |              |     | 6             | 6    | 6     | 6    |
| Economics                       | 48     | 8   | 18   |     | 3   |     |      |     | 69           | 8    | 32    | 3     |              |     | 32            | 3    | 101   | 11   |
| History                         | 25     | 19  | 11   | 10  | 17  | 5   | 2    |     | 55           | 34   | 58    | 18    | 1            | 2   | 59            | 20   | 114   | 54   |
| Geography                       | 33     | 13  | 5    | 2   | 7   |     |      |     | 45           | 15   | 25    | 10    |              |     | 25            | 10   | 70    | 25   |
| Political Science & Government  | 68     | 19  | 21   | 8   | 22  | 5   | 5    |     | 116          | 32   | 83    | 7     | 2            |     | 85            | 7    | 201   | 39   |
| Sociology                       | 44     | 52  | 11   | 4   | 18  | 14  | 3    | 6   | 76           | 76   | 19    | 34    |              |     | 19            | 34   | 95    | 110  |
| International Relations         |        |     |      |     |     |     |      |     |              |      | 35    | 16    |              |     | 35            | 16   | 35    | 16   |
| Behavioral Sciences, General    |        |     |      |     |     |     |      |     |              |      |       |       | 12           | 29  | 12            | 29   | 12    | 29   |
| Human Relations                 |        |     |      |     |     |     |      |     |              |      |       |       | 5            | 5   | 5             | 5    | 5     | 5    |
| Urban Studies                   | 6      |     |      |     |     |     |      |     | 6            |      |       |       |              |     |               |      | 6     |      |
| Theology                        |        |     |      |     |     |     |      |     |              |      |       |       |              |     |               |      |       |      |
| Theological Professions Gen.    |        |     |      |     |     |     |      |     |              |      |       |       | 3            |     | 3             |      | 3     |      |
| Interdisciplinary Studies       |        |     |      |     |     |     |      |     |              |      |       |       |              |     |               |      |       |      |
| General Liberal Arts & Sciences |        |     | 4    | 1   | 35  | 17  |      |     | 39           | 18   | 55    | 33    |              |     | 55            | 33   | 94    | 51   |
| Biological & Physical Sciences  |        |     |      |     | 1   | 1   |      |     | 1            | 1    |       |       |              |     |               |      | 1     | 1    |
| Humanities & Social Sciences    |        |     |      |     |     |     |      |     |              |      | 4     | 23    |              |     | 4             | 23   | 4     | 23   |
| Grand Total                     | 1400   | 982 | 838  | 536 | 543 | 275 | 129  | 118 | 2910         | 1911 | 2,412 | 1,743 | 95           | 136 | 2507          | 1879 | 5417  | 3790 |
|                                 | 2382   |     | 1374 |     | 818 |     | 247  |     | 4821         |      | 4155  |       | 231          |     | 4386          |      | 9207  |      |



**TABLE 8**  
**Utah System of Higher Education**  
**Master's Degrees Conferred — Public and Private Institutions,**  
**1975-76 Through 1979-80 by Area of Study**

| Area of Study                       | Public Institutions <sup>a,b</sup> |                |                |                |                |                        | Private Institutions <sup>c</sup> |                |                |                 |                 |                         | Public & Private        | Percent                        |
|-------------------------------------|------------------------------------|----------------|----------------|----------------|----------------|------------------------|-----------------------------------|----------------|----------------|-----------------|-----------------|-------------------------|-------------------------|--------------------------------|
|                                     | 1975-76<br>(1)                     | 1976-77<br>(2) | 1977-78<br>(3) | 1978-79<br>(4) | 1979-80<br>(5) | 5-Year<br>Total<br>(6) | 1975-76<br>(7)                    | 1976-77<br>(8) | 1977-78<br>(9) | 1978-79<br>(10) | 1979-80<br>(11) | 5-Year<br>Total<br>(12) | 5-Year<br>Total<br>(13) | of<br>Total<br>Degrees<br>(14) |
| Agriculture & Natural Resources     | 75                                 | 66             | 83             | 45             | 76             | 345                    | 9                                 | 9              | 14             | 20              | 25              | 77                      | 422                     | 3.5%                           |
| Architecture & Environmental Design | 16                                 | 40             | 32             | 28             | 31             | 147                    | --                                | --             | --             | --              | --              | --                      | 147                     | 1.2%                           |
| Area Studies                        | --                                 | --             | 1              | 1              | 2              | 4                      | 5                                 | 7              | 6              | 4               | 10              | 32                      | 36                      | 0.3%                           |
| Biological Sciences                 | 24                                 | 23             | 30             | 25             | 26             | 128                    | 23                                | 34             | 32             | 33              | 40              | 162                     | 290                     | 2.4%                           |
| Business & Management               | 668                                | 645            | 558            | 535            | 360            | 2,766                  | 86                                | 90             | 126            | 194             | 195             | 691                     | 3,457                   | 28.9%                          |
| Communications                      | 6                                  | 33             | 3              | 8              | 7              | 57                     | 9                                 | 21             | 16             | 23              | 21              | 90                      | 147                     | 1.2%                           |
| Computer & Information Services     | 10                                 | 12             | 14             | 9              | 13             | 58                     | 1                                 | 11             | 1              | 11              | 7               | 31                      | 89                      | 0.7%                           |
| Education                           | 330                                | 302            | 343            | 289            | 309            | 1,573                  | 207                               | 230            | 288            | 332             | 317             | 1,374                   | 2,947                   | 24.6%                          |
| Engineering                         | 128                                | 152            | 148            | 122            | 128            | 678                    | 52                                | 46             | 55             | 61              | 61              | 275                     | 953                     | 8.0%                           |
| Fine & Applied Arts                 | 46                                 | 50             | 52             | 47             | 37             | 232                    | 12                                | 34             | 20             | 30              | 18              | 114                     | 346                     | 2.9%                           |
| Foreign Language                    | 17                                 | 24             | 18             | 16             | 9              | 84                     | 9                                 | 10             | 8              | 7               | 16              | 50                      | 134                     | 1.1%                           |
| Health Professions                  | 45                                 | 38             | 32             | 75             | 57             | 247                    | 10                                | 38             | 29             | 31              | 26              | 134                     | 381                     | 3.2%                           |
| Home Economics                      | 15                                 | 13             | 17             | 15             | 21             | 81                     | 17                                | 32             | 18             | 13              | 22              | 102                     | 183                     | 1.5%                           |
| Library Science                     | --                                 | --             | --             | --             | --             | --                     | 30                                | 67             | 46             | 42              | 39              | 224                     | 224                     | 1.9%                           |
| Letters                             | 51                                 | 54             | 42             | 45             | 40             | 232                    | 23                                | 31             | 31             | 38              | 37              | 160                     | 392                     | 3.3%                           |
| Mathematics                         | 19                                 | 20             | 13             | 13             | 16             | 81                     | 13                                | 15             | 7              | 11              | 3               | 49                      | 130                     | 1.1%                           |
| Physical Sciences                   | 54                                 | 42             | 59             | 39             | 53             | 247                    | 11                                | 16             | 10             | 11              | 29              | 77                      | 324                     | 2.7%                           |
| Psychology                          | 16                                 | 13             | 5              | 17             | 10             | 61                     | 1                                 | 3              | --             | --              | 1               | 5                       | 66                      | 0.6%                           |
| Public Affairs & Services           | 59                                 | 102            | 104            | 115            | 108            | 488                    | 41                                | 63             | 68             | 98              | 84              | 354                     | 842                     | 7.0%                           |
| Social Sciences                     | 82                                 | 65             | 53             | 56             | 52             | 308                    | 33                                | 25             | 29             | 25              | 29              | 141                     | 449                     | 3.7%                           |
| Interdisciplinary Studies           | --                                 | --             | 1              | --             | --             | 1                      | 2                                 | --             | 4              | 4               | 1               | 11                      | 12                      | 0.1%                           |
| Theology                            | --                                 | --             | --             | --             | --             | --                     | 6                                 | --             | --             | --              | --              | 6                       | 6                       | 0.1%                           |
| Total                               | 1,661                              | 1,694          | 1,608          | 1,500          | 1,355          | 7,818                  | 600                               | 782            | 808            | 988             | 981             | 4,159                   | 11,977                  | 100.0%                         |
| Percent Increase over Previous Year | 16.6%                              | 2.0%           | (5.1%)         | (6.7%)         | (9.7%)         | --                     | (29.1%)                           | 30.3%          | 3.3%           | 22.3%           | (0.7%)          | --                      | --                      | --                             |

<sup>a</sup>All academic years include Master of Philosophy degrees awarded by the University of Utah.

<sup>b</sup>Includes, beginning with the 1978-79 academic year, Master of Education degrees awarded by Weber State College.

<sup>c</sup>All excepting the 1977-78, 1978-79 and 1979-80 academic years include six-year Certificates awarded by Brigham Young University.

Source: HEGIS Reports, 1975-76 through 1979-80.

**TABLE 9**  
**Utah System of Higher Education**  
**Master's Degrees Conferred Public and Private Institutions,**  
**1974-75 Through 1979-80 by Institution**

| Institution                                   | 1974-75 | 1975-76 | 1976-77 | 1977-78 | 1978-79 | 1979-80 | Ten<br>Year<br>Total | % Inc.<br>1979-80<br>Over<br>1974-75 |
|-----------------------------------------------|---------|---------|---------|---------|---------|---------|----------------------|--------------------------------------|
| System Institutions:                          |         |         |         |         |         |         |                      |                                      |
| University of Utah <sup>a</sup>               | 1,049   | 1,246   | 1,302   | 1,151   | 1,104   | 901     | 10,732               | 1.8%                                 |
| Utah State University                         | 375     | 415     | 392     | 457     | 394     | 433     | 4,283                | 1.4%                                 |
| Weber State College <sup>b</sup>              | --      | --      | --      | --      | 2       | 21      | 23                   | 100.0                                |
| Totals for System Inst.                       | 1,424   | 1,661   | 1,694   | 1,608   | 1,500   | 1,355   | 15,038               | 3.3%                                 |
| Yearly percent increase                       | 13.9%   | 16.6%   | 2.0%    | (5.1%)  | (-6.7%) | (9.7%)  | -----                | -----                                |
| Private Institutions:                         |         |         |         |         |         |         |                      |                                      |
| Brigham Young University <sup>c</sup>         | 846     | 600     | 782     | 797     | 947     | 951     | 7,850                | 35.1%                                |
| Westminster College                           | --      | --      | --      | 11      | 41      | 30      | 86                   | 100.0%                               |
| Totals for Private Inst.                      | 846     | 600     | 782     | 808     | 988     | 981     | 7,926                | 39.4%                                |
| Yearly percent increase                       | 17.5%   | (29.1%) | 30.3%   | 3.3%    | 22.3%   | (0.7%)  | -----                | -----                                |
| Total Master's degrees<br>awarded in Utah     | 2,270   | 2,261   | 2,476   | 2,416   | 2,488   | 2,336   | 22,974               | 15.9%                                |
| Yearly percent increase<br>for all Utah Inst. | (4.4%)  | (.4%)   | 9.5%    | (2.4%)  | 3.0%    | (6.1%)  | -----                | -----                                |

<sup>a</sup>Includes Master of Philosophy degrees, which are the equivalent of doctoral degrees without dissertations.

<sup>b</sup>Represents, beginning with the 1978-79 academic year, Master of Education degrees only.

<sup>c</sup>Includes Six-year Certificates, excepting the 1977-78, 1978-79 and 1979-80 academic years when none were earned.

Sources: HEGIS Reports, 1974-75 through 1979-80

**TABLE 10**  
**Utah System of Higher Education**  
**Total Yearly Master's Degrees Conferred, Public and Private Institutions,**  
**1974-75 Through 1979-80 by Area of Study**

| <u>Area of Study</u>                | <u>1974-75<sup>a</sup></u> | <u>1975-76<sup>b</sup></u> | <u>1976-77<sup>c</sup></u> | <u>1977-78<sup>c</sup></u> | <u>1978-79<sup>c,d</sup></u> | <u>1979-80<sup>c</sup></u> |
|-------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|----------------------------|
|                                     | (1)                        | (2)                        | (3)                        | (4)                        | (5)                          | (6)                        |
| Agriculture & Natural Resources     | 43                         | 84                         | 75                         | 97                         | 65                           | 101                        |
| Architecture & Environmental Design | 27                         | 16                         | 40                         | 32                         | 28                           | 31                         |
| Area Studies                        | 6                          | 5                          | 7                          | 7                          | 5                            | 12                         |
| Biological Sciences                 | 56                         | 47                         | 57                         | 62                         | 58                           | 66                         |
| Business & Management               | 544                        | 754                        | 735                        | 684                        | 729                          | 555                        |
| Communications                      | 12                         | 15                         | 54                         | 19                         | 31                           | 28                         |
| Computer & Information Sciences     | 11                         | 11                         | 23                         | 15                         | 20                           | 20                         |
| Education                           | 648                        | 537                        | 532                        | 631                        | 621                          | 626                        |
| Engineering                         | 221                        | 180                        | 198                        | 203                        | 183                          | 189                        |
| Fine & Applied Arts                 | 65                         | 58                         | 84                         | 72                         | 77                           | 55                         |
| Foreign Languages                   | 56                         | 26                         | 34                         | 26                         | 23                           | 25                         |
| Health Professions                  | 57                         | 55                         | 76                         | 61                         | 106                          | 83                         |
| Home Economics                      | 55                         | 32                         | 45                         | 35                         | 28                           | 43                         |
| Letters                             | 72                         | 74                         | 85                         | 73                         | 83                           | 79                         |
| Library Science                     | 26                         | 30                         | 67                         | 46                         | 42                           | 37                         |
| Mathematics                         | 35                         | 32                         | 35                         | 20                         | 24                           | 19                         |
| Physical Sciences                   | 52                         | 65                         | 58                         | 69                         | 50                           | 82                         |
| Psychology                          | 30                         | 17                         | 16                         | 5                          | 17                           | 11                         |
| Public Affairs & Services           | 150                        | 100                        | 165                        | 172                        | 213                          | 192                        |
| Social Sciences                     | 89                         | 115                        | 90                         | 82                         | 81                           | 81                         |
| Theology                            | 13                         | 6                          | --                         | --                         | --                           | --                         |
| Interdisciplinary                   | 2                          | 2                          | --                         | 5                          | 4                            | 1                          |
| Totals                              | <u>2,270</u>               | <u>2,261</u>               | <u>2,476</u>               | <u>2,416</u>               | <u>2,488</u>                 | <u>2,336</u>               |

<sup>a</sup>Includes, beginning with the 1971-72 academic year, Master of Philosophy degrees, which are the equivalent of doctoral degrees without dissertations, awarded by the University of Utah.

<sup>b</sup>Includes, beginning with the 1974-75 academic year, Six-year Certificates awarded by Brigham Young University.

<sup>c</sup>Does not include Six-year Certificates as none were awarded by Brigham Young University during the 1977-78, 1978-79, and 1979-80 academic years.

<sup>d</sup>Includes, beginning with the 1978-79 academic year, Master of Education degrees awarded by Weber State College.

Source: HEGIS Reports, 1970-71 through 1979-80.

**TABLE 11**  
**Utah System of Higher Education**  
**Doctorates (Including J.D.s, M.D.s and D.s Pharm.), Conferred,**  
**Public and Private Institutions 1974-75 Through 1979-80 by Institution**

| Institution                                                                           | 1974-75 | 1975-76 | 1976-77 | 1977-78 | 1978-79 | 1979-80 | Ten Yr.<br>Total |
|---------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|------------------|
| <b>System Institutions:</b>                                                           |         |         |         |         |         |         |                  |
| University of Utah                                                                    |         |         |         |         |         |         |                  |
| Ph.D. & Ed.D.                                                                         | 245     | 207     | 216     | 161     | 168     | 208     | 2,198            |
| M.D.                                                                                  | 97      | 100     | 98      | 100     | 102     | 99      | 875              |
| J.D.                                                                                  | 136     | 134     | 134     | 125     | 113     | 137     | 1,270            |
| D. Pharm. <sup>a</sup>                                                                | --      | --      | 3       | 1       | 2       | 7       | 13               |
| Total                                                                                 | 478     | 441     | 451     | 387     | 385     | 451     | 4,356            |
| Utah State University                                                                 |         |         |         |         |         |         |                  |
| Ph.D. & Ed.D.                                                                         | 76      | 75      | 71      | 87      | 72      | 87      | 886              |
| <b>Total Doctorates</b><br>(Inc. J.D.'s, M.D.'s &<br>D.'s Pharm.) conferred in System | 554     | 516     | 522     | 474     | 457     | 538     | 5,242            |
| Percent increase over<br>previous year                                                | --      | (6.9%)  | 1.2%    | (9.2%)  | (3.6%)  | (17.7%) | -----            |
| Total Ph.D.'s & Ed.D.'s<br>conferred in System                                        | 321     | 282     | 287     | 248     | 240     | 295     | 3,084            |
| Percent increase over<br>previous year                                                | (9.8%)  | (12.1%) | 1.8%    | (13.6%) | (3.2%)  | 22.9%   | -----            |
| <b>Private Institutions:</b>                                                          |         |         |         |         |         |         |                  |
| Brigham Young University                                                              |         |         |         |         |         |         |                  |
| Ph.D. & Ed.D.                                                                         | 160     | 125     | 158     | 118     | 153     | 158     | 1,248            |
| J.D. <sup>b</sup>                                                                     | --      | 144     | 151     | 133     | 117     | 128     | 673              |
| Total                                                                                 | 160     | 269     | 309     | 251     | 270     | 286     | 1,921            |
| Total Ph.D.'s & Ed.D.'s<br>conferred in Utah                                          | 481     | 407     | 445     | 366     | 393     | 453     | 4,332            |
| Percent increase over<br>previous year                                                | 8.8%    | (15.4%) | 9.3%    | (17.8%) | 7.4%    | 15.3%   | -----            |
| <b>Total Doctorates</b><br>(inc. J.D.'s, M.D.'s &<br>D.'s Pharm.) conferred in Utah   | 714     | 785     | 831     | 725     | 727     | 824     | 7,163            |
| Percent increase over<br>previous year                                                | 11.6%   | 9.9%    | 5.9%    | (12.8%) | .3%     | 13.3%   | -----            |

<sup>a</sup> The U of U College of Pharmacy began awarding first professional D. Pharm degrees with the 1976-77 academic year.

<sup>b</sup> The BYU Law School began awarding first professional J.D. degrees with the 1975-76 academic year.

Sources: HEGIS Reports, 1970-71 through 1979-80.

**TABLE 15**  
**Utah System of Higher Education**  
**First Professional Degrees Conferred, Utah Public and Private Institutions,**  
**1979-80 by Field of Study and Sex**

| Field of Study               | U of U |     | BYU |     | Total Public and private |     |
|------------------------------|--------|-----|-----|-----|--------------------------|-----|
|                              | M      | W   | M   | W   | M                        | W   |
| Law (J.D. degrees)           | 102    | 35  | 110 | 18  | 212                      | 53  |
| Medicine (M.D. degrees)      | 89     | 10  | --  | --  | 89                       | 10  |
| Pharmacy (D. Pharm. degrees) | 5      | 2   | --  | --  | 5                        | 2   |
| Totals                       | 196    | 47  | 110 | 18  | 306                      | 65  |
|                              |        | 243 |     | 128 |                          | 371 |

Sources: HEGIS Reports, 1979-80

**TABLE 16**  
**Utah System of Higher Education**  
**Total Yearly Doctorates Conferred Public and Private Institutions,**  
**1974-75 Through 1979-80 by Area of Study**

| <u>Area of Study</u>            | <u>1974-75</u> | <u>1975-76</u> | <u>1976-77</u> | <u>1977-78</u> | <u>1978-79</u> | <u>1979-80</u> |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                 | (1)            | (2)            | (3)            | (4)            | (5)            | (6)            |
| Agriculture & Natural Resources | 12             | 16             | 13             | 18             | 19             | 15             |
| Biological Sciences             | 39             | 36             | 44             | 37             | 40             | 48             |
| Business & Management           | 6              | 4              | 3              | 4              | 5              | 4              |
| Communications                  | 1              | 3              | 6              | 2              | 6              | 4              |
| Computer & Information Sciences | 4              | 7              | 2              | 5              | 5              | 3              |
| Education                       | 204            | 184            | 209            | 169            | 158            | 188            |
| Engineering                     | 42             | 37             | 22             | 30             | 35             | 38             |
| Fine & Applied Arts             | 10             | 3              | 7              | 2              | 2              | 9              |
| Foreign Languages               | 5              | 5              | 1              | 8              | 3              | 6              |
| Health Professions <sup>a</sup> | 2              | 3              | 2              | 5              | --             | 6              |
| Home Economics                  | 6              | 3              | 5              | 6              | 10             | 9              |
| Letters                         | 13             | 11             | 13             | 2              | 4              | 7              |
| Library Sciences                | 26             | --             | --             | --             | --             | --             |
| Mathematics                     | 9              | 4              | 8              | 3              | 6              | 5              |
| Physical Sciences               | 41             | 28             | 39             | 39             | 24             | 38             |
| Psychology                      | 34             | 14             | 26             | 11             | 39             | 32             |
| Public Affairs & Services       | 6              | 11             | 15             | 10             | 12             | 12             |
| Social Sciences                 | 20             | 38             | 28             | 15             | 24             | 29             |
| Theology                        | 1              | --             | --             | --             | --             | --             |
| Interdisciplinary Studies       | --             | --             | 2              | --             | 1              | --             |
| Total                           | <u>481</u>     | <u>407</u>     | <u>445</u>     | <u>366</u>     | <u>393</u>     | <u>453</u>     |

<sup>a</sup>Does not include first professional degrees.

Source: HEGIS Reports, 1974-75 through 1979-80.

**TABLE 12**  
**Utah System of Higher Education**  
**Master's and Doctor's Degrees Conferred 1979-80**  
**by Sex of Student and General Area of Study**

| Area of Study                   | Master's        |                |       |     |     |    |              |     |       |     |              |    | Doctor's <sup>a</sup> |     |       |    |       |    |              |    |       |    |        |     |
|---------------------------------|-----------------|----------------|-------|-----|-----|----|--------------|-----|-------|-----|--------------|----|-----------------------|-----|-------|----|-------|----|--------------|----|-------|----|--------|-----|
|                                 | UofU            |                | USU   |     | WSC |    | Total Public |     | BYU   |     | West-minster |    | Total                 |     | UofU  |    | USU   |    | Total Public |    | BYU   |    | Total  |     |
|                                 | M               | W              | M     | W   | M   | W  | M            | W   | M     | W   | M            | W  | M                     | W   | M     | W  | M     | W  | M            | W  | M     | W  | M      | W   |
| Agriculture & Natural Resources |                 |                | 56    | 20  |     |    | 56           | 20  | 22    | 3   |              |    | 78                    | 23  |       |    | 11    | 4  | 11           | 4  |       |    | 11     | 4   |
| Arch. & Environmental Design    | 23              | 3              | 3     | 2   |     |    | 26           | 5   |       |     |              |    | 26                    | 5   |       |    |       |    |              |    |       |    |        |     |
| Area Studies                    | 2               |                |       |     |     |    | 2            |     | 10    |     |              |    | 12                    |     |       |    |       |    |              |    |       |    |        |     |
| Biological Sciences             | 8               | 6              | 1     | 1   |     |    | 19           | 7   | 34    | 6   |              |    | 53                    | 13  | 22    | 3  | 11    | 4  | 33           | 7  | 8     |    | 41     | 7   |
| Business & Management           | 271             | 48             |       | 5   |     |    | 307          | 53  | 178   | 17  |              |    | 485                   | 70  | 4     |    |       |    | 4            |    |       |    | 4      |     |
| Communications                  | 4 <sup>b</sup>  | 3              |       |     |     |    | 4            | 2   | 18    | 3   |              |    | 22                    | 6   | 3     | 1  |       |    | 3            | 1  |       |    | 3      | 1   |
| Computer & Info Sciences        | 13              |                |       |     |     |    | 13           |     | 7     |     |              |    | 20                    |     | 3     |    |       |    | 3            |    |       |    | 3      |     |
| Education                       | 52              | 92             | 73    | 71  | 9   | 12 | 134          | 175 | 185   | 102 | 15           | 15 | 334                   | 292 | 34    | 21 | 11    | 12 | 45           | 33 | 82    | 28 | 127    | 61  |
| Engineering                     | 76              | 1              | 49    | 2   |     |    | 125          | 3   | 61    |     |              |    | 186                   | 3   | 18    | 1  | 11    | 2  | 29           | 3  | 6     |    | 35     | 3   |
| Fine and Applied Arts           | 6               | 18             | 9     | 4   |     |    | 15           | 22  | 16    | 2   |              |    | 31                    | 24  | 4     | 1  |       |    | 4            | 1  | 3     | 1  | 7      | 2   |
| Foreign Languages               | 3               | 6 <sup>c</sup> |       |     |     |    | 3            | 6   | 10    | 6   |              |    | 13                    | 12  | 5     |    |       |    | 5            |    | 1     |    | 6      |     |
| Health Professions              | 11              | 38             | 3     | 5   |     |    | 14           | 43  | 13    | 13  |              |    | 27                    | 56  | 5     | 1  |       |    | 5            | 1  |       |    | 5      | 1   |
| Home Economics                  |                 | 1              | 2     | 18  |     |    | 2            | 19  | 17    | 5   |              |    | 19                    | 24  |       |    |       |    |              |    | 7     | 2  | 7      | 2   |
| Letters                         | 18              | 12             | 3     | 7   |     |    | 21           | 19  | 22    | 17  |              |    | 43                    | 36  | 5     | 1  |       |    | 5            | 1  | 1     |    | 6      | 1   |
| Library Science                 |                 |                |       |     |     |    |              |     | 14    | 23  |              |    | 14                    | 23  |       |    |       |    |              |    |       |    |        |     |
| Mathematics                     | 2               | 1              | 10    | 3   |     |    | 12           | 4   | 3     |     |              |    | 15                    | 4   | 4     | 1  |       |    | 4            | 1  |       |    | 4      | 1   |
| Physical Sciences               | 37 <sup>d</sup> | 9              | 7     |     |     |    | 44           | 9   | 28    | 1   |              |    | 72                    | 10  | 27    | 2  | 3     |    | 30           | 2  | 6     |    | 36     | 2   |
| Psychology                      | 3               | 3              | 2     | 2   |     |    | 5            | 5   |       | 1   |              |    | 5                     | 6   | 6     | 6  | 8     | 1  | 14           | 7  | 6     | 5  | 20     | 12  |
| Public Affairs & Services       | 55              | 53             |       |     |     |    | 55           | 53  | 78    | 6   |              |    | 133                   | 59  | 5     | 7  |       |    | 5            | 7  |       |    | 5      | 2   |
| Social Sciences                 | 18              | 5              | 24    | 5   |     |    | 42           | 10  | 20    | 9   |              |    | 62                    | 19  | 14    | 4  | 7     | 2  | 21           | 6  | 2     |    | 23     | 6   |
| Interdisciplinary Studies       |                 |                |       |     |     |    |              |     | 1     |     |              |    | 1                     |     |       |    |       |    |              |    |       |    |        |     |
| Totals                          | 601             | 299            | 188   | 134 | 9   | 12 | 899          | 456 | 737   | 214 | 15           | 15 | 1651                  | 685 | 159   | 49 | 62    | 25 | 221          | 74 | 122   | 36 | 343    | 110 |
|                                 | 901             |                | 433   |     | 21  |    | 1355         |     | 951   |     | 30           |    | 2336                  |     | 208   |    | 87    |    | 295          |    | 158   |    | 453    |     |
| Percent of Total Degrees        | 38.6%           |                | 18.5% |     | .9% |    | 58.0%        |     | 40.7% |     | 1.3%         |    | 100.0%                |     | 45.9% |    | 19.2% |    | 65.1%        |    | 34.9% |    | 100.0% |     |

<sup>a</sup> Does not include first professional degrees.

<sup>b</sup> Includes one Master of Philosophy degree awarded in Communications.

<sup>c</sup> Includes one Master of Philosophy degree awarded in French.

<sup>d</sup> Includes one Master of Philosophy degree awarded in Medical Chemistry.

Source: HEGIS Reports, 1979-80

**TABLE 13**  
**Utah System of Higher Education**  
**Doctorates\* Conferred Public and Private Institutions,**  
**by Area of Study 1975-76 Through 1979-80**

| Area of Study                          | Public Institutions |         |         |         |         |                | Private Institutions |         |         |         |         |                | Public &<br>Private<br>5-yr<br>Total | Percent<br>of<br>Total |
|----------------------------------------|---------------------|---------|---------|---------|---------|----------------|----------------------|---------|---------|---------|---------|----------------|--------------------------------------|------------------------|
|                                        | 1975-76             | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 5 yr.<br>Total | 1975-76              | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 5 yr.<br>Total |                                      |                        |
| Agriculture & Natural Res.             | 16                  | 13      | 18      | 18      | 15      | 80             | --                   | --      | --      | 1       | --      | 1              | 81                                   | 3.9%                   |
| Biological Sciences                    | 32                  | 35      | 28      | 36      | 40      | 171            | 4                    | 9       | 9       | 4       | 8       | 34             | 205                                  | 9.9%                   |
| Business & Management                  | 4                   | 3       | 4       | 5       | 4       | 20             | --                   | --      | --      | --      | --      | --             | 20                                   | 1.0%                   |
| Communications                         | 3                   | 6       | 2       | 6       | 4       | 21             | --                   | --      | --      | --      | --      | --             | 21                                   | 1.0%                   |
| Computer & Information Sciences        | 7                   | 2       | 5       | 5       | 3       | 22             | --                   | --      | --      | --      | --      | --             | 22                                   | 1.1%                   |
| Education                              | 94                  | 99      | 88      | 51      | 78      | 410            | 90                   | 110     | 81      | 107     | 110     | 498            | 908                                  | 44.0%                  |
| Engineering                            | 32                  | 21      | 25      | 29      | 32      | 139            | 5                    | 1       | 5       | 6       | 6       | 23             | 162                                  | 7.9%                   |
| Fine and Applied Arts                  | 3                   | 4       | 1       | 1       | 5       | 14             | --                   | 3       | 1       | 1       | 4       | 9              | 23                                   | 1.1%                   |
| Foreign Language                       | 4                   | 1       | 6       | 2       | 5       | 18             | 1                    | --      | 2       | 1       | 1       | 5              | 23                                   | 1.1%                   |
| Health Professions                     | 3                   | 2       | 5       | --      | 6       | 16             | --                   | --      | --      | --      | --      | --             | 16                                   | .8%                    |
| Home Economics                         | --                  | --      | 1       | --      | --      | 1              | 3                    | 5       | 5       | 10      | 9       | 32             | 33                                   | 1.6%                   |
| Letters                                | 8                   | 9       | 2       | 3       | 6       | 28             | 3                    | 4       | --      | 1       | 1       | 9              | 37                                   | 1.8%                   |
| Mathematics                            | 4                   | 8       | 3       | 6       | 5       | 26             | --                   | --      | --      | --      | --      | --             | 26                                   | 1.3%                   |
| Physical Sciences                      | 23                  | 33      | 31      | 19      | 32      | 138            | 5                    | 6       | 8       | 5       | 6       | 30             | 168                                  | 7.8%                   |
| Psychology                             | 7                   | 15      | 8       | 25      | 21      | 76             | 7                    | 11      | 3       | 14      | 11      | 46             | 122                                  | 5.9%                   |
| Public Affairs & Services              | 11                  | 15      | 10      | 12      | 12      | 60             | --                   | --      | --      | --      | --      | --             | 60                                   | 2.9%                   |
| Social Sciences                        | 31                  | 21      | 11      | 22      | 27      | 112            | 7                    | 7       | 4       | 2       | 2       | 22             | 134                                  | 6.5%                   |
| Interdisciplinary                      | --                  | --      | --      | --      | --      | --             | --                   | 2       | --      | 1       | --      | 3              | 3                                    | .1%                    |
| Total                                  | 282                 | 287     | 248     | 240     | 295     | 1352           | 125                  | 158     | 118     | 153     | 158     | 712            | 2064                                 | 100.0%                 |
| Percent Increase over<br>Previous Year | (12.2%)             | 1.8%    | (13.6%) | (3.2%)  | (22.9%) | ---            | (21.9%)              | 26.4%   | (25.3%) | 29.7%   | 3.3%    | ---            | ----                                 | -----                  |

\*Excludes first professional degrees.

Sources: HEGIS Reports: 1975-76 Through 1979-80



**TABLE 14**  
**Utah System of Higher Education**  
**First Professional Degrees Conferred by Institution and Field of Study**  
**1975-76 Through 1979-80**

| Institution and field of Study            | 1975-76 | 1976-77 <sup>a</sup> | 1977-78 | 1978-79 | 1979-80 | 5 yr.<br>Totals | Percentage of<br>Total Degrees |
|-------------------------------------------|---------|----------------------|---------|---------|---------|-----------------|--------------------------------|
| <b>Public</b>                             |         |                      |         |         |         |                 |                                |
| University of Utah                        |         |                      |         |         |         |                 |                                |
| Law (J.D. degrees)                        | 134     | 134                  | 125     | 113     | 137     | 643             | 35.2%                          |
| Medicine (M.D. degrees)                   | 100     | 98                   | 100     | 102     | 99      | 499             | 27.3%                          |
| Pharmacy (D.Pharm. degrees)               | ---     | 3                    | 1       | 2       | 7       | 13              | .7%                            |
| Total Public                              | 234     | 235                  | 226     | 217     | 243     | 1155            | 63.2%                          |
| Percentage Increase<br>over previous year | .4%     | .4%                  | (3.8%)  | (4.0%)  | 12.0%   | ----            | -----                          |
| <b>Private</b>                            |         |                      |         |         |         |                 |                                |
| Brigham Young University                  |         |                      |         |         |         |                 |                                |
| Law (J.D. degrees)                        | 144     | 151                  | 133     | 117     | 128     | 673             | 36.8%                          |
| Total Private                             | 144     | 151                  | 133     | 117     | 128     | 673             | 36.8%                          |
| Percentage Increase<br>over previous year | 100%    | 4.9%                 | (11.9%) | (12.0%) | 9.4%    | ---             | -----                          |
| Total Public and Private                  | 378     | 386                  | 359     | 334     | 371     | 1828            | 100.0%                         |
| Percentage increase<br>over previous year | 62.2%   | 2.1%                 | (7.0)%  | (7.0%)  | (11.1%) | ----            | -----                          |

<sup>a</sup>The U of U College of Pharmacy began awarding D. Pharm. degrees with the 1976-77 academic year.

Sources: HEGIS Reports, 1975-76 through 1979-80

**TABLE 17**  
**Utah System of Higher Education**  
**Total Master's and Doctor's Degrees Awarded in 1979-80**  
**by Major Field of Study and Sex**

| Major Field of Study                | Master's |   |     |   |     |   |              |   |     |   | Doctor's <sup>a</sup> |   |       |   |        |   |     |   |              |   |     |   |       |   |
|-------------------------------------|----------|---|-----|---|-----|---|--------------|---|-----|---|-----------------------|---|-------|---|--------|---|-----|---|--------------|---|-----|---|-------|---|
|                                     | U of U   |   | USU |   | WSC |   | Total Public |   | BYU |   | West-minster          |   | Total |   | U of U |   | USU |   | Total Public |   | BYU |   | Total |   |
|                                     | M        | W | M   | W | M   | W | M            | W | M   | W | M                     | W | M     | W | M      | W | M   | W | M            | W | M   | W | M     | W |
| Agriculture & Natural Resources     |          |   |     |   |     |   |              |   |     |   |                       |   |       |   |        |   |     |   |              |   |     |   |       |   |
| Horticulture                        |          |   |     |   |     |   |              |   |     | 1 |                       |   |       | 1 |        |   |     |   |              |   |     |   |       |   |
| Agricultural Economics              |          |   | 3   |   |     |   | 3            |   | 13  |   |                       |   | 16    |   |        |   |     |   |              |   |     |   |       |   |
| Plant Science                       |          |   | 8   |   |     |   | 8            |   |     |   |                       |   | 8     |   |        | 1 |     | 1 |              |   |     |   | 1     |   |
| Range Management                    |          |   | 10  |   |     |   | 10           |   | 3   | 2 |                       |   | 13    | 2 |        | 3 |     | 3 |              |   |     |   | 3     |   |
| Soils Science                       |          |   | 15  | 1 |     |   | 15           | 1 |     |   |                       |   | 15    | 1 |        | 1 |     | 1 |              |   |     |   | 1     |   |
| Animal Science                      |          |   | 4   | 2 |     |   | 4            | 2 | 5   |   |                       |   | 9     | 2 |        | 2 |     | 2 |              |   |     |   | 2     |   |
| Fish, Game & Wildlife Mgmt.         |          |   | 8   | 2 |     |   | 8            | 2 |     |   |                       |   | 8     | 2 |        | 3 | 1   |   |              |   |     |   | 3     | 1 |
| Forestry                            |          |   | 4   | 4 |     |   | 4            | 4 |     |   |                       |   | 4     | 4 |        |   |     |   |              |   |     |   |       |   |
| Agronomy                            |          |   |     |   |     |   |              |   | 1   |   |                       |   | 1     |   |        |   |     |   |              |   |     |   |       |   |
| Food Science & Technology           |          |   | 2   | 9 |     |   | 2            | 9 |     |   |                       |   | 2     | 9 |        | 1 | 3   | 1 | 3            |   |     |   | 1     | 3 |
| Outdoor Recreation                  |          |   | 2   | 2 |     |   | 2            | 2 |     |   |                       |   | 2     | 2 |        |   |     |   |              |   |     |   |       |   |
| Architecture & Environmental Design |          |   |     |   |     |   |              |   |     |   |                       |   |       |   |        |   |     |   |              |   |     |   |       |   |
| Landscape Architecture              |          |   |     | 1 | 2   |   | 1            | 2 |     |   |                       |   | 1     | 2 |        |   |     |   |              |   |     |   |       |   |
| City, Community & Regional Planning |          |   |     | 2 |     |   | 2            |   |     |   |                       |   | 2     |   |        |   |     |   |              |   |     |   |       |   |
| Environmental Design, General       | 23       | 3 |     |   |     |   | 23           | 3 |     |   |                       |   | 23    | 3 |        |   |     |   |              |   |     |   |       |   |
| Area Studies                        |          |   |     |   |     |   |              |   |     |   |                       |   |       |   |        |   |     |   |              |   |     |   |       |   |
| Latin American Studies              |          |   |     |   |     |   |              |   | 5   |   |                       |   | 5     |   |        |   |     |   |              |   |     |   |       |   |
| Asian Studies, General              |          |   |     |   |     |   |              |   | 5   |   |                       |   | 5     |   |        |   |     |   |              |   |     |   |       |   |
| Middle Eastern Studies              | 2        |   |     |   |     |   | 2            |   |     |   |                       |   | 2     |   |        |   |     |   |              |   |     |   |       |   |
| Biological Sciences                 |          |   |     |   |     |   |              |   |     |   |                       |   |       |   |        |   |     |   |              |   |     |   |       |   |
| Biology, General                    | 2        | 3 | 8   |   |     |   | 10           | 3 |     |   |                       |   | 10    | 3 | 1      | 1 | 9   | 2 | 10           | 3 |     |   | 10    | 3 |
| Botany, General                     |          |   |     |   |     |   |              |   | 7   | 1 |                       |   | 7     | 1 |        |   |     |   |              |   | 5   |   | 5     |   |
| Zoology, General                    |          |   |     |   |     |   |              |   | 19  | 3 |                       |   | 19    | 3 |        |   |     |   |              |   | 1   |   | 1     |   |
| Pharmacology, Human & Animal        |          |   |     |   |     |   |              |   |     |   |                       |   |       |   | 8      |   |     |   | 8            |   |     |   | 8     |   |

<sup>a</sup> Does not include first professional degrees.

TABLE 17 (Cont.)

| Major Field of Study            | Master's       |    |     |    |     |   |              |    |     |    | Doctor's     |    |       |    |        |   |     |   |              |   |     |   |       |   |
|---------------------------------|----------------|----|-----|----|-----|---|--------------|----|-----|----|--------------|----|-------|----|--------|---|-----|---|--------------|---|-----|---|-------|---|
|                                 | U of U         |    | USU |    | WSC |   | Total Public |    | BYU |    | West-minster |    | Total |    | U of U |   | USU |   | Total Public |   | BYU |   | Total |   |
|                                 | M              | W  | M   | W  | M   | W | M            | W  | M   | W  | M            | W  | M     | W  | M      | W | M   | W | M            | W | M   | W | M     | W |
| Microbiology                    | 1              |    |     |    |     |   | 1            |    | 7   | 1  |              |    | 8     | 1  |        |   |     |   | 5            | 1 | 1   |   | 1     | 1 |
| Anatomy                         |                |    |     |    |     |   |              |    |     |    |              |    |       |    |        |   |     |   | 5            | 1 |     |   | 5     | 1 |
| Biochemistry                    |                |    |     |    |     |   |              |    |     |    |              |    |       |    |        |   | 2   | 1 | 2            | 1 | 1   |   | 3     | 1 |
| Biophysics                      | 4              | 2  |     |    |     |   | 4            | 2  |     |    |              |    | 4     | 2  |        |   |     |   | 5            |   |     |   | 5     |   |
| Entomology                      |                |    |     |    |     |   |              |    | 1   |    |              |    | 1     |    |        |   |     |   |              |   |     |   |       |   |
| Nutrition, Scientific           |                |    |     |    |     |   |              |    |     | 1  |              |    | 1     |    |        |   |     |   |              |   |     |   |       |   |
| Toxicology                      |                |    | 3   | 1  |     |   | 3            | 1  |     |    |              |    | 3     | 1  |        |   | 1   |   |              |   |     |   |       | 1 |
| Pathology, Human & Animal       |                |    |     |    |     |   |              |    |     |    |              |    |       |    | 2      |   |     |   |              |   |     |   | 2     |   |
| Physiology, Human & Animal      |                |    |     |    |     |   |              |    |     |    |              |    |       |    | 1      |   |     |   | 2            |   |     |   | 1     |   |
| Biometrics and Biostatistics    | 1              | 1  |     |    |     |   | 1            | 1  |     |    |              |    | 1     | 1  |        |   |     |   | 1            |   |     |   |       |   |
| Business & Management           |                |    |     |    |     |   |              |    |     |    |              |    |       |    |        |   |     |   |              |   |     |   |       |   |
| Accounting                      | 11             | 2  | 9   | 3  |     |   | 20           | 5  | 56  | 5  |              |    | 76    | 10 |        |   |     |   |              |   |     |   |       |   |
| Business Mgmt & Adm.            | 149            | 16 | 27  | 2  |     |   | 176          | 18 | 103 | 8  |              |    | 280   | 26 | 4      |   |     | 4 |              |   |     |   | 4     |   |
| Business Economics              |                |    |     |    |     |   |              |    | 4   |    |              |    | 4     |    |        |   |     |   |              |   |     |   |       |   |
| Personnel Management            | 108            | 30 |     |    |     |   | 108          | 30 |     |    |              |    | 108   | 30 |        |   |     |   |              |   |     |   |       |   |
| Banking & Finance               | 3              |    |     |    |     |   | 3            |    |     |    |              |    | 3     |    |        |   |     |   |              |   |     |   |       |   |
| Business & Commerce, General    |                |    |     |    |     |   |              |    | 14  | 4  |              |    | 14    | 4  |        |   |     |   |              |   |     |   |       |   |
| Communications                  |                |    |     |    |     |   |              |    |     |    |              |    |       |    |        |   |     |   |              |   |     |   |       |   |
| Communications, General         | 1 <sup>b</sup> |    |     |    |     |   | 1            |    | 18  | 3  |              |    | 19    | 3  | 3      | 1 |     | 3 | 1            |   |     |   | 3     | 1 |
| Journalism                      | 3              | 3  |     |    |     |   | 3            | 3  |     |    |              |    | 3     | 3  |        |   |     |   |              |   |     |   |       |   |
| Computer & Information Sciences |                |    |     |    |     |   |              |    |     |    |              |    |       |    |        |   |     |   |              |   |     |   |       |   |
| Computer & Info.Sci. General    | 13             |    |     |    |     |   | 13           |    | 7   |    |              |    | 20    |    | 3      |   |     | 3 |              |   |     |   | 3     |   |
| Education                       |                |    |     |    |     |   |              |    |     |    |              |    |       |    |        |   |     |   |              |   |     |   |       |   |
| Education, General              | 15             | 31 |     |    |     |   | 15           | 31 | 6   | 9  | 15           | 15 | 36    | 55 |        |   |     |   |              |   | 6   | 1 | 6     | 1 |
| Elementary Education, General   | 1              | 3  | 10  | 22 | 6   | 6 | 17           | 31 |     |    |              |    | 17    | 31 |        |   |     |   |              |   |     |   |       |   |
| Higher Education, General       |                |    |     |    |     |   |              |    |     |    |              |    |       |    |        |   |     |   |              |   | 8   |   | 8     |   |
| Secondary Education, General    |                |    | 28  | 12 | 3   | 6 | 31           | 18 | 2   |    |              |    | 33    | 18 |        |   |     |   |              |   | 1   | 1 | 1     | 1 |
| Junior & Community College      |                |    |     |    |     |   |              |    | 40  | 15 |              |    | 40    | 15 |        |   |     |   |              |   |     |   |       |   |

<sup>b</sup> Represents one Master of Philosophy degree

TABLE 17 (Cont.)

| Major Field of Study                                 | Master's |    |     |    |     |   |              |    |     |    | Doctor's     |   |       |    |        |   |     |   |              |   |     |    |       |    |
|------------------------------------------------------|----------|----|-----|----|-----|---|--------------|----|-----|----|--------------|---|-------|----|--------|---|-----|---|--------------|---|-----|----|-------|----|
|                                                      | U of U   |    | USU |    | WSC |   | Total Public |    | BYU |    | West-minster |   | Total |    | U of U |   | USU |   | Total Public |   | BYU |    | Total |    |
|                                                      | M        | W  | M   | W  | M   | W | M            | W  | M   | W  | M            | W | M     | W  | M      | W | M   | W | M            | W | M   | W  | M     | W  |
| Biogricultural Education                             |          |    |     |    |     |   |              |    | 1   |    |              |   | 1     |    |        |   |     |   |              |   |     |    |       |    |
| Special Education, General                           | 2        | 21 | 6   | 23 |     |   | 8            | 44 | 3   | 5  |              |   | 11    | 49 |        |   | 1   | 3 | 1            | 3 | 1   | 4  | 2     | 7  |
| Social Foundations                                   |          | 2  |     |    |     |   |              | 2  |     |    |              |   |       | 2  |        |   |     |   | 2            | 3 |     |    | 2     | 3  |
| Educational Psychology                               | 16       | 21 |     |    |     |   | 16           | 21 | 7   | 1  |              |   | 23    | 26 | 16     | 8 |     |   | 16           | 8 | 8   | 5  | 24    | 13 |
| Educational Administration                           | 5        | 2  |     |    |     |   | 5            | 2  | 64  | 14 |              |   | 69    | 16 | 4      | 4 |     |   | 5            | 4 | 20  | 2  | 25    | 6  |
| Curriculum & Instruction                             |          |    |     |    |     |   |              |    | 13  | 11 |              |   | 13    | 11 |        |   | 10  | 9 | 10           | 9 | 17  | 10 | 27    | 19 |
| Reading Education                                    |          |    |     |    |     |   |              |    | 1   | 6  |              |   | 1     | 6  |        |   |     |   |              |   |     |    |       |    |
| Music Education                                      |          |    |     |    |     |   |              |    | 3   | 2  |              |   | 3     | 2  |        |   |     |   |              |   |     |    |       |    |
| Physical Education                                   | 5        | 1  | 3   | 1  |     |   | 8            | 2  | 16  | 9  |              |   | 24    | 11 | 11     | 3 |     |   | 11           | 3 | 14  | 3  | 25    | 6  |
| Agricultural Education                               |          |    | 7   |    |     |   | 7            |    |     |    |              |   | 7     |    |        |   |     |   |              |   |     |    |       |    |
| Student Personnel                                    |          |    |     |    |     |   |              |    | 18  | 15 |              |   | 18    | 15 |        |   |     |   |              |   | 6   | 2  | 6     | 2  |
| Mathematics Education                                |          |    |     |    |     |   |              |    | 1   |    |              |   | 1     |    |        |   |     |   |              |   |     |    |       |    |
| Educational Supervision                              |          |    |     |    |     |   |              |    | 4   | 2  |              |   | 4     | 2  |        |   |     |   |              |   |     |    |       |    |
| Health Education                                     | 3        | 4  |     |    |     |   | 3            | 4  | 3   | 4  |              |   | 6     | 8  | 3      |   |     |   | 3            |   |     |    | 3     |    |
| Business, Commerce & Distributive Education          |          |    |     | 2  | 3   |   | 2            | 3  | 2   | 5  |              |   | 4     | 8  |        |   |     |   |              |   | 1   |    | 1     |    |
| Industrial Arts, Vocational & Technical Education    |          |    |     | 7  | 3   |   | 7            | 3  | 1   |    |              |   | 8     | 3  |        |   |     |   |              |   |     |    |       |    |
| Instructional Media                                  |          |    |     | 10 | 7   |   | 10           | 7  |     |    |              |   | 10    | 7  |        |   |     |   |              |   |     |    |       |    |
| Educational Systems-Learning Resources               | 3        | 7  |     |    |     |   | 3            | 7  |     |    |              |   | 3     | 7  |        |   |     |   |              |   |     |    |       |    |
| Science Education                                    | 2        |    |     |    |     |   | 2            |    |     |    |              |   | 2     |    |        |   |     |   |              |   |     |    |       |    |
| Engineering                                          |          |    |     |    |     |   |              |    |     |    |              |   |       |    |        |   |     |   |              |   |     |    |       |    |
| Engineering, General                                 |          |    | 45  | 2  |     |   | 45           | 2  |     |    |              |   | 45    | 2  |        |   | 11  | 2 | 11           | 2 |     |    | 11    | 2  |
| Agricultural Engineering                             |          |    | 4   |    |     |   | 4            |    |     |    |              |   | 4     |    |        |   |     |   |              |   |     |    |       |    |
| Bioengineering & Biomedical Eng.                     | 11       | 1  |     |    |     |   | 11           | 1  |     |    |              |   | 11    | 1  | 2      |   |     |   | 2            |   |     |    | 2     |    |
| Chemical Engineering                                 | 7        |    |     |    |     |   | 7            |    | 12  |    |              |   | 19    |    | 4      |   |     |   | 4            |   | 2   |    | 6     |    |
| Civil, Construction & Transportation Engineering     |          |    |     |    |     |   |              |    |     |    |              |   |       |    |        |   |     |   |              |   |     |    |       |    |
| Electrical, Electronics & Communications Engineering | 17       |    |     |    |     |   | 17           |    | 14  |    |              |   | 31    |    | 2      |   |     |   | 2            |   | 1   |    | 3     |    |
| Mechanical Engineering                               | 10       |    |     |    |     |   | 10           |    | 19  |    |              |   | 29    |    | 2      |   |     |   | 2            |   |     |    | 2     |    |
| Geological Engineering                               | 1        |    |     |    |     |   | 1            |    |     |    |              |   | 1     |    |        |   |     |   |              |   |     |    |       |    |
| Industrial & Mgmt. Engineering                       | 14       |    |     |    |     |   | 14           |    |     |    |              |   | 14    |    |        |   |     |   |              |   |     |    |       |    |

TABLE 17 (Cont.)

| Major Field of Study                     | Master's |                |     |    |     |   |              |    |     |    |              |   | Doctor's |    |        |   |     |   |              |   |     |   |       |   |
|------------------------------------------|----------|----------------|-----|----|-----|---|--------------|----|-----|----|--------------|---|----------|----|--------|---|-----|---|--------------|---|-----|---|-------|---|
|                                          | U of U   |                | USU |    | WSC |   | Total Public |    | BYU |    | West-minster |   | Total    |    | U of U |   | USU |   | Total Public |   | BYU |   | Total |   |
|                                          | M        | W              | M   | W  | M   | W | M            | W  | M   | W  | M            | W | M        | W  | M      | W | M   | W | M            | W | M   | W | M     | W |
| Materials Engineering                    |          |                |     |    |     |   |              |    |     |    |              |   |          |    | 3      | 1 |     |   | 3            | 1 |     |   | 3     | 1 |
| Mining and Mineral Engineering           | 2        |                |     |    |     |   | 2            |    |     |    |              |   | 2        |    |        |   |     |   |              |   |     |   |       |   |
| Petroleum Engineering                    | 2        |                |     |    |     |   | 2            |    |     |    |              |   | 2        |    | 3      |   |     |   | 3            |   |     |   | 3     |   |
| Nuclear Engineering                      | 1        |                |     |    |     |   | 1            |    |     |    |              |   | 1        |    |        |   |     |   |              |   |     |   |       |   |
| Fine and Applied Arts                    |          |                |     |    |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| Art (Painting, Drawing & Sculpture)      |          | 3              | 7   | 4  |     |   | 7            | 7  | 1   |    |              |   | 8        | 7  |        |   |     |   |              |   |     |   |       |   |
| Music (Performing, Composition Theory)   | 1        |                |     |    |     |   | 1            |    | 6   | 2  |              |   | 7        | 2  | 2      | 1 |     |   | 2            | 1 |     |   | 2     | 1 |
| Dramatic Arts                            | 3        | 11             | 2   |    |     |   | 5            | 11 | 5   |    |              |   | 10       | 11 | 2      |   |     |   | 2            |   | 3   | 1 | 5     | 1 |
| Dance                                    | 2        | 4              |     |    |     |   | 2            | 4  |     |    |              |   | 2        | 4  |        |   |     |   |              |   |     |   |       |   |
| Applied Design                           |          |                |     |    |     |   |              |    | 4   |    |              |   | 4        |    |        |   |     |   |              |   |     |   |       |   |
| Foreign Languages                        |          |                |     |    |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| French                                   | 1        | 3 <sup>c</sup> |     |    |     |   | 1            | 3  |     |    |              |   | 1        | 3  | 1      |   |     |   | 1            |   | 1   |   |       |   |
| German                                   | 2        | 2              |     |    |     |   | 2            | 2  | 8   |    |              |   | 10       | 2  | 3      |   |     |   | 3            |   |     |   | 3     |   |
| Spanish                                  |          | 1              |     |    |     |   | 1            | 2  | 6   |    |              |   | 2        | 7  |        |   |     |   |              |   |     |   |       |   |
| Turkish                                  |          |                |     |    |     |   |              |    |     |    |              |   |          |    | 1      |   |     |   | 1            |   |     |   | 1     |   |
| Health Professions, General              |          |                |     |    |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| Nursing (Baccalaureat & Higher Programs) | 3        | 30             |     |    |     |   | 3            | 30 |     |    |              |   | 3        | 30 |        |   |     |   |              |   |     |   |       |   |
| Pharmacy                                 | 1        |                |     |    |     |   | 1            |    |     |    |              |   | 1        |    | 1      |   |     |   | 1            |   |     |   | 1     |   |
| Public Health                            | 5        | 1              |     |    |     |   | 5            | 1  | 2   |    |              |   | 7        | 1  |        |   |     |   |              |   |     |   |       |   |
| Speech Pathology & Audiology             | 2        | 5              | 3   | 5  |     |   | 5            | 10 | 11  | 13 |              |   | 16       | 23 | 4      | 1 |     |   | 4            | 1 |     |   | 4     | 1 |
| Medical Laboratory Technologies          |          | 2              |     |    |     |   |              | 2  |     |    |              |   | 2        |    |        |   |     |   |              |   |     |   |       |   |
| Home Economics                           |          |                |     |    |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| Consumer Economics & Home Managements    |          |                |     | 16 |     |   |              | 16 |     |    |              |   |          | 16 |        |   |     |   |              |   |     |   |       |   |
| Foods and Nutrition                      |          | 1              |     |    |     |   |              | 1  | 6   | 1  |              |   | 6        | 2  |        |   |     |   |              |   |     |   |       |   |
| Family Relations & Child Development     |          |                |     | 2  | 2   |   | 2            | 2  | 11  | 4  |              |   | 13       | 6  |        |   |     |   |              |   | 7   | 2 | 7     | 2 |

<sup>c</sup>Includes one Master of Philosophy degree

TABLE 17 (Cont.)

| Major Field of Study                   | Master's       |   |     |   |     |   |              |    |     |    |              |   | Doctor's |    |        |   |     |   |              |   |     |   |       |   |
|----------------------------------------|----------------|---|-----|---|-----|---|--------------|----|-----|----|--------------|---|----------|----|--------|---|-----|---|--------------|---|-----|---|-------|---|
|                                        | U of U         |   | USU |   | WSC |   | Total Public |    | BYU |    | West-minster |   | Total    |    | U of U |   | USU |   | Total Public |   | BYU |   | Total |   |
|                                        | M              | W | M   | W | M   | W | M            | W  | M   | W  | M            | W | M        | W  | M      | W | M   | W | M            | W | M   | W | M     | W |
| Letters                                |                |   |     |   |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| English, General                       | 11             | 9 | 2   | 5 |     |   | 13           | 14 |     | 1  |              |   | 13       | 15 | 4      | 1 |     |   | 4            | 1 |     |   | 4     | 1 |
| Literature, English                    |                |   |     |   |     |   |              |    | 5   | 2  |              |   | 5        | 2  |        |   |     |   |              |   | 1   |   | 1     |   |
| Comparative Literature                 |                |   |     |   |     |   |              |    |     | 1  |              |   |          | 1  |        |   |     |   |              |   |     |   |       |   |
| Linguistics                            | 5              | 3 |     |   |     |   | 5            | 3  | 3   |    |              |   | 8        | 3  |        |   |     |   |              |   |     |   |       |   |
| Speech, Debate & Forensic Sci.         | 1              |   | 1   | 2 |     |   | 2            | 2  |     |    |              |   | 2        | 2  |        |   |     |   |              |   |     |   |       |   |
| Philosophy                             | 1              |   |     |   |     |   | 1            |    |     |    |              |   | 1        |    | 1      |   |     |   | 1            |   |     |   | 1     |   |
| Teaching English as a Foreign Language |                |   |     |   |     |   |              |    |     | 13 | 13           |   | 13       | 13 |        |   |     |   |              |   |     |   |       |   |
| Classics                               |                |   |     |   |     |   |              |    |     | 1  |              |   | 1        |    |        |   |     |   |              |   |     |   |       |   |
| Library Science                        |                |   |     |   |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| Library Science, General               |                |   |     |   |     |   |              |    |     | 14 | 23           |   | 14       | 23 |        |   |     |   |              |   |     |   |       |   |
| Mathematics                            |                |   |     |   |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| Mathematics, General                   | 2              | 1 | 3   | 1 |     |   | 5            | 2  | 1   |    |              |   | 6        | 2  | 4      | 1 |     |   | 4            | 1 |     |   | 4     | 1 |
| Statistics, Mathematical & Theoretical |                |   |     |   | 7   | 2 | 7            | 2  | 2   |    |              |   | 9        | 2  |        |   |     |   |              |   |     |   |       |   |
| Physical Sciences                      |                |   |     |   |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   |     |   |       |   |
| Physics, General                       | 8              | 1 | 4   |   |     |   | 12           | 1  | 4   |    |              |   | 16       | 1  | 3      |   | 2   |   | 5            |   | 1   |   | 6     |   |
| Chemistry, General                     | 3              | 2 |     |   |     |   | 3            | 2  | 1   |    |              |   | 4        | 2  | 13     | 2 | 1   |   | 14           | 2 |     |   | 14    | 2 |
| Organic Chemistry                      |                |   |     |   |     |   |              |    | 1   |    |              |   | 1        |    |        |   |     |   |              |   | 1   |   | 1     |   |
| Analytical Chemistry                   |                |   |     |   |     |   |              |    | 1   |    |              |   | 1        |    |        |   |     |   |              |   | 1   |   | 1     |   |
| Paleontology                           |                |   |     |   |     |   |              |    | 1   |    |              |   | 1        |    |        |   |     |   |              |   |     |   |       |   |
| Geology                                | 12             | 4 | 3   |   |     |   | 15           | 4  | 20  | 1  |              |   | 35       | 5  | 5      |   |     | 5 |              |   |     | 5 |       |   |
| Geophysics & Seismology                | 5              | 2 |     |   |     |   | 5            | 2  |     |    |              |   | 5        | 2  |        |   |     |   |              |   |     |   |       |   |
| Geochemistry                           |                |   |     |   |     |   |              |    |     |    |              |   |          |    |        |   |     |   |              |   | 1   |   | 1     |   |
| Metallurgy                             | 1 <sup>d</sup> |   |     |   |     |   | 1            |    |     |    |              |   | 1        |    |        |   |     |   |              |   |     |   |       |   |
| Medical Chemistry                      | 1 <sup>d</sup> |   |     |   |     |   | 1            |    |     |    |              |   | 1        |    |        |   |     |   |              |   |     |   |       |   |
| Atmospheric Sciences & Meteorology     | 7              |   |     |   |     |   | 7            |    |     |    |              |   | 7        |    | 4      |   |     |   | 4            |   |     |   | 4     |   |

<sup>d</sup> Represents Master of Philosophy Degree

TABLE 17 (Cont.)

| Major Field of Study            | Master's |     |     |     |     |    |              |     |     |     |              |    | Doctor's |     |        |    |     |    |              |    |     |    |       |     |
|---------------------------------|----------|-----|-----|-----|-----|----|--------------|-----|-----|-----|--------------|----|----------|-----|--------|----|-----|----|--------------|----|-----|----|-------|-----|
|                                 | U of U   |     | USU |     | WSC |    | Total Public |     | BYU |     | West-minster |    | Total    |     | U of U |    | USU |    | Total Public |    | BYU |    | Total |     |
|                                 | M        | W   | M   | W   | M   | W  | M            | W   | M   | W   | M            | W  | M        | W   | M      | W  | M   | W  | M            | W  | M   | W  | M     | W   |
| Physical Chemistry              |          |     |     |     |     |    |              |     |     |     |              |    |          |     | 2      |    |     |    | 2            |    | 1   |    | 3     |     |
| Psychology                      |          |     |     |     |     |    | 5            | 5   |     |     |              |    | 5        | 5   | 6      | 6  | 8   | 1  | 14           | 7  |     |    | 14    | 7   |
| Psychology, General             | 3        | 3   | 2   | 2   |     |    |              |     |     |     |              |    |          |     |        |    |     |    |              |    | 6   | 5  |       |     |
| Clinical Psychology             |          |     |     |     |     |    |              |     |     | 1   |              |    | 1        |     |        |    |     |    |              |    |     |    |       |     |
| Developmental Psychology        |          |     |     |     |     |    |              |     |     |     |              |    |          |     |        |    |     |    |              |    |     |    |       |     |
| Public Affairs & Services       |          |     |     |     |     |    | 3            | 1   | 75  | 4   |              |    | 78       | 5   |        |    |     |    |              |    |     |    | 4     | 7   |
| Public Administration           | 3        | 1   |     |     |     |    | 50           | 46  |     |     |              |    | 50       | 46  | 4      | 7  |     |    | 4            | 7  |     |    |       |     |
| Social Work & Helping Services  | 50       | 46  |     |     |     |    | 2            | 6   | 3   | 2   |              |    | 5        | 8   | 1      |    |     |    | 1            |    |     |    | 1     |     |
| Parks & Recreation Mgmt.        | 2        | 6   |     |     |     |    |              |     |     |     |              |    |          |     |        |    |     |    |              |    |     |    |       |     |
| Social Sciences                 |          |     |     |     |     |    | 1            |     |     |     |              |    | 1        |     |        |    |     |    |              |    |     |    |       |     |
| Social Sciences, General        |          |     | 1   |     |     |    | 4            | 1   |     | 1   |              |    | 4        | 2   | 2      |    |     |    | 2            |    |     |    | 2     |     |
| Anthropology                    | 4        | 1   |     |     |     |    | 16           | 3   |     |     |              |    | 16       | 3   | 3      |    | 3   | 1  | 6            | 1  |     |    | 6     | 1   |
| Economics                       | 5        | 1   | 11  | 2   |     |    | 5            | 3   | 7   | 4   |              |    | 12       | 7   | 3      | 2  |     |    | 3            | 2  | 1   |    | 4     | 2   |
| History                         | 4        | 1   | 1   | 2   |     |    | 4            | 2   | 3   | 1   |              |    | 7        | 3   | 3      |    |     |    | 3            |    |     |    | 3     |     |
| Geography                       | 4        | 2   |     |     |     |    | 9            |     | 6   |     |              |    | 15       |     | 2      |    |     |    | 2            |    |     |    | 2     |     |
| Political Sciences & Government |          |     | 9   |     |     |    | 3            | 1   | 2   | 3   |              |    | 5        | 4   | 1      | 2  | 4   | 1  | 5            | 3  | 1   |    | 6     | 3   |
| Sociology                       | 1        |     | 2   | 1   |     |    |              |     | 2   |     |              |    | 2        |     |        |    |     |    |              |    |     |    |       |     |
| International Relations         |          |     |     |     |     |    |              |     |     |     |              |    |          |     |        |    |     |    |              |    |     |    |       |     |
| Interdisciplinary Studies       |          |     |     |     |     |    |              |     | 1   |     |              |    | 1        |     |        |    |     |    |              |    |     |    |       |     |
| Humanities & Social Sciences    |          |     |     |     |     |    |              |     |     |     |              |    |          |     |        |    |     |    |              |    |     |    |       |     |
| Total                           | 602      | 299 | 288 | 145 | 9   | 12 | 899          | 456 | 737 | 214 | 15           | 15 | 1651     | 685 | 159    | 49 | 62  | 25 | 221          | 74 | 122 | 36 | 343   | 110 |
|                                 | 901      |     | 433 |     | 21  |    | 1,355        |     | 951 |     | 30           |    | 2,336    |     | 208    |    | 110 |    | 295          |    | 158 |    | 453   |     |

Sources: HEGIS Reports, 1979-80



**TABLE 18**  
**Utah System of Higher Education**  
**Degrees and Awards Based on Less Than Four Years of Work**  
**Beyond High School by Institutions 1979-80**

| <u>Curriculum</u>                                                          | <u>U of U</u><br>(1) | <u>USU</u><br>(2) | <u>WSC</u><br>(3) | <u>SUSC</u><br>(4) | <u>Snow</u><br>(5) | <u>Dixie</u><br>(6) | <u>CEU</u><br>(7) | <u>UTC Provo</u><br>(8) | <u>UTC Salt Lake</u><br>(9) | <u>Total Public</u><br>(10) | <u>BYU</u><br>(11) | <u>West-minster College</u><br>(12) | <u>LDS Bus. Coll.</u><br>(13) | <u>Stevens Henager College</u><br>(14) | <u>Total Private</u><br>(15) | <u>Total Public &amp; Private</u><br>(16) |
|----------------------------------------------------------------------------|----------------------|-------------------|-------------------|--------------------|--------------------|---------------------|-------------------|-------------------------|-----------------------------|-----------------------------|--------------------|-------------------------------------|-------------------------------|----------------------------------------|------------------------------|-------------------------------------------|
| <u>Curriculums of Two or More Years</u><br><u>But Less than Four Years</u> |                      |                   |                   |                    |                    |                     |                   |                         |                             |                             |                    |                                     |                               |                                        |                              |                                           |
| Work wholly or chiefly credit-<br>able toward a bachelor's<br>degree       |                      |                   |                   |                    |                    |                     |                   |                         |                             |                             |                    |                                     |                               |                                        |                              |                                           |
| Associate degree                                                           | 3                    | --                | 481               | --                 | 207                | 219                 | 88                | --                      | 336                         | 1,334                       | 447                | --                                  | 8                             | --                                     | 455                          | 1,789                                     |
| Other formal recognition                                                   | --                   | 41                | --                | 68                 | --                 | 43                  | --                | --                      | --                          | 152                         | --                 | --                                  | --                            | --                                     | --                           | 152                                       |
| Total                                                                      | 3                    | 41                | 481               | 68                 | 207                | 262                 | 88                | --                      | 336                         | 1,486                       | 447                | --                                  | 8                             | --                                     | 455                          | 1,941                                     |
| Work not wholly of chiefly<br>creditable toward a<br>bachelor's degree     |                      |                   |                   |                    |                    |                     |                   |                         |                             |                             |                    |                                     |                               |                                        |                              |                                           |
| Associate degree                                                           | --                   | --                | --                | --                 | 25                 | --                  | 7                 | 203                     | --                          | 235                         | --                 | --                                  | 77                            | 84                                     | 161                          | 396                                       |
| Other formal recognition                                                   | --                   | --                | 6                 | --                 | 8                  | --                  | --                | 165                     | 79                          | 258                         | --                 | --                                  | --                            | --                                     | --                           | 258                                       |
| Total                                                                      | --                   | --                | 6                 | --                 | 33                 | --                  | 7                 | 368                     | 79                          | 493                         | --                 | --                                  | 77                            | 84                                     | 161                          | 654                                       |
| Total curriculums of two<br>or more years                                  | 3                    | 41                | 487               | 68                 | 240                | 262                 | 95                | 368                     | 415                         | 1,979                       | 447                | --                                  | 85                            | 84                                     | 616                          | 2,595                                     |
| <u>Curriculums of at Least One Year</u><br><u>But Less Than Two Years</u>  | --                   | 63                | 66                | 60                 | 73                 | 80                  | 33                | 173                     | 572                         | 1,120                       | --                 | --                                  | 36                            | 60                                     | 96                           | 1,216                                     |
| Total All Curriculums of Less<br>Than Four Years Beyond High<br>School     | 3                    | 104               | 553               | 128                | 313                | 342                 | 128               | 541                     | 987                         | 3,099                       | 447                | --                                  | 121                           | 144                                    | 712                          | 3,811                                     |

Source: HEGIS Reports, 1979-80.

**TABLE 19**  
**Utah System of Higher Education**  
**Associate Degrees Conferred by Public and Private Institutions**  
**1974-75 Through 1979-80**

| <u>Institution</u>                                   | <u>1974-75</u> | <u>1975-76</u> | <u>1976-77</u> | <u>1977-78</u> | <u>1978-79</u> | <u>1979-80</u> |
|------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                      | (1)            | (2)            | (3)            | (4)            | (5)            | (6)            |
| <u>System Institutions</u>                           |                |                |                |                |                |                |
| University of Utah                                   | --             | --             | --             | 17             | --             | 3              |
| Utah State University                                | 111            | 46             | --             | --             | --             | --             |
| Weber State College                                  | 341            | 371            | 413            | 439            | 411            | 481            |
| Southern Utah State College                          | --             | --             | --             | --             | --             | --             |
| Snow College                                         | 196            | 201            | 194            | 206            | 224            | 232            |
| Dixie College                                        | 235            | 228            | 201            | 275            | 217            | 219            |
| College of Eastern Utah                              | 96             | 89             | 98             | 112            | 104            | 95             |
| Utah Technical College at Provo                      | 204            | 222            | 246            | 226            | 199            | 203            |
| Utah Technical College at Salt Lake                  | 157            | 230            | 224            | 339            | 342            | 336            |
| Total, System Institutions                           | <u>1,340</u>   | <u>1,387</u>   | <u>1,376</u>   | <u>1,614</u>   | <u>1,497</u>   | <u>1,569</u>   |
| Yearly Percentage Increase                           | <u>20.7%</u>   | <u>3.5%</u>    | <u>(0.8%)</u>  | <u>17.3%</u>   | <u>(7.2%)</u>  | <u>4.8%</u>    |
| <u>Private Institutions</u>                          |                |                |                |                |                |                |
| Brigham Young University                             | 568            | 470            | 485            | 435            | 410            | 447            |
| Westminster College <sup>a</sup>                     | --             | --             | 2              | --             | --             | --             |
| LDS Business College                                 | 124            | 103            | 75             | 73             | 95             | 85             |
| Stevens Henager College                              | 33             | 61             | 65             | 53             | 61             | 84             |
| Total, Private Institutions                          | <u>725</u>     | <u>634</u>     | <u>627</u>     | <u>561</u>     | <u>566</u>     | <u>616</u>     |
| Yearly Percentage Increase                           | <u>61.1%</u>   | <u>(12.6%)</u> | <u>(1.1%)</u>  | <u>(10.5%)</u> | <u>0.9%</u>    | <u>8.8%</u>    |
| Total Associate Degrees Awarded in Utah              | 2,065          | 2,021          | 2,003          | 2,175          | 2,063          | 2,185          |
| Yearly Percent of Increase for All Utah Institutions | 32.4%          | (2.1%)         | (0.9%)         | 8.6%           | (5.1%)         | 5.9%           |

<sup>a</sup>No Associate degrees were offered at Westminster College prior to the 1976-77 academic year.

Sources: HEGIS Reports, 1974-75 through 1979-80.

TABLE 20

**Utah System of Higher Education**  
**Degrees and Awards Based on Less Than Four Years of Work beyond High School**  
**— Curriculums of Two or More but Less Than Four Years —**  
**Work Wholly or Chiefly Creditable toward a Bachelor's Degree, 1979-80**

|                                                                                                                    | U of U        | USU           | WSC           | SUSC          | Snow          | Dixie         | CEU           | UTC/SL        | Total Public  | BYU           | LDSBC         | Tl Pvt        | Total All     |      |      |      |
|--------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|------|------|
|                                                                                                                    | Other         | Other         | Other         | Other         | Other         | Other         | Other         | Other         | Other         | Other         | Other         | Other         | Other         |      |      |      |
|                                                                                                                    | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        | Formal        |      |      |      |
|                                                                                                                    | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- | Assoc. Recog- |      |      |      |
|                                                                                                                    | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        | Degree        |      |      |      |
|                                                                                                                    | (1)           | (2)           | (3)           | (4)           | (5)           | (6)           | (7)           | (8)           | (9)           | (10)          | (11)          | (12)          | (13)          | (14) | (15) | (16) |
| ARTS AND SCIENCE OR GENERAL PROGRAMS,<br>NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS                                 | 3             | --            | 129           | --            | 207           | 188           | --            | 88            | --            | 615           | --            | 165           | 8             | 173  | 788  | --   |
| SCIENCE OR ENGINEERING-RELATED ORGANIZED<br>OCCUPATIONAL CURRICULUM AT THE TECHNICAL OR<br>SEMI-PROFESSIONAL LEVEL |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |      |
| <u>Data Processing Technologies</u>                                                                                |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |      |
| Data Processing Technologies, General                                                                              | --            | --            | 7             | --            | --            | --            | --            | --            | 30            | 37            | --            | 1             | --            | 1    | 38   | --   |
| <u>Health Services and Paramedical Technologies</u>                                                                |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |      |
| Paramedic Technologies                                                                                             | --            | --            | 1             | --            | --            | --            | --            | --            | --            | 1             | --            | --            | --            | --   | 1    | --   |
| Dental Hygiene Technologies                                                                                        | --            | --            | 17            | --            | --            | --            | --            | --            | --            | 17            | --            | --            | --            | --   | 17   | --   |
| Medical or Biological Laboratory<br>Assistant Technologies                                                         | --            | --            | 19            | --            | --            | --            | --            | --            | --            | 19            | --            | --            | --            | --   | 19   | --   |
| Radiologic Technologies                                                                                            | --            | --            | 22            | --            | --            | --            | --            | --            | --            | 22            | --            | --            | --            | --   | 22   | --   |
| Nursing, R.N., Less than 4-Yr.                                                                                     | --            | --            | 166           | --            | --            | --            | --            | --            | --            | 166           | --            | 194           | --            | 194  | 360  | --   |
| Inhalation Therapy Technologies                                                                                    | --            | --            | 19            | --            | --            | --            | --            | --            | --            | 19            | --            | --            | --            | --   | 19   | --   |
| <u>Mechanical and Engineering Technologies</u>                                                                     |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |      |
| Mechanical and Engineering Technologies,<br>General                                                                | --            | --            | 3             | --            | --            | --            | --            | --            | --            | 3             | --            | --            | --            | --   | 3    | --   |
| Aeronautical and Aviation Technologies                                                                             | --            | --            | --            | --            | --            | 1             | 13            | --            | --            | 1             | 13            | --            | --            | --   | 1    | 13   |
| Engineering Graphics                                                                                               | --            | --            | --            | --            | --            | --            | 1             | --            | 39            | 39            | 1             | --            | --            | --   | 39   | 1    |
| Architectural Drafting Technologies                                                                                | --            | 5             | 3             | 1             | --            | 4             | --            | --            | 19            | 26            | 6             | 4             | --            | 4    | 30   | 6    |
| Automotive Technologies                                                                                            | --            | 1             | 5             | 3             | --            | 1             | 11            | --            | 4             | 10            | 15            | --            | --            | --   | 10   | 15   |
| Civil Technologies                                                                                                 | --            | --            | --            | --            | --            | --            | --            | --            | --            | --            | --            | 1             | --            | 1    | 1    | --   |
| Construction & Building Technologies                                                                               | --            | --            | 8             | 3             | --            | --            | --            | --            | 29            | 37            | 3             | 2             | --            | 2    | 39   | 3    |
| Welding Technologies                                                                                               | --            | --            | 2             | 4             | --            | --            | --            | --            | 8             | 10            | 4             | --            | --            | --   | 10   | 4    |
| Diesel Technologies                                                                                                | --            | --            | 5             | --            | --            | --            | --            | --            | 6             | 11            | --            | --            | --            | --   | 11   | --   |
| Electronics & Machine Technologies                                                                                 | --            | --            | 9             | 3             | --            | --            | --            | --            | 55            | 64            | 3             | 5             | --            | 5    | 69   | 3    |
| <u>Natural Science Technologies</u>                                                                                |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |      |
| Agricultural Technologies                                                                                          | --            | 8             | --            | 2             | --            | --            | --            | --            | --            | --            | 10            | --            | --            | --   | --   | 10   |
| Home Economics Technologies                                                                                        | --            | --            | 12            | --            | --            | --            | --            | --            | --            | 12            | --            | --            | --            | --   | 12   | --   |
| Food Services Technologies                                                                                         | --            | --            | 1             | --            | --            | --            | --            | --            | 3             | 4             | --            | --            | --            | --   | 4    | --   |
| Total, Science or Engineering Related                                                                              | --            | 14            | 299           | 16            | --            | 6             | 25            | --            | 193           | 498           | 55            | 207           | --            | 207  | 705  | 55   |

TABLE 20 (Cont.)

NONSCIENCE & NONENGINEERING RELATED  
ORGANIZED OCCUPATIONAL CURRICULUMS AT THE  
TECHNICAL OR SEMI-PROFESSIONAL LEVEL  
Business & Commerce Technologies

| Business & Commerce Technologies                                                   |          |           |            |           |            |            |           |           |            |              |            |            |          |            |              |            |
|------------------------------------------------------------------------------------|----------|-----------|------------|-----------|------------|------------|-----------|-----------|------------|--------------|------------|------------|----------|------------|--------------|------------|
| Business & Commerce Technologies, General                                          | --       | --        | --         | 2         | --         | --         | --        | --        | 105        | 105          | 2          | --         | --       | --         | 105          | 2          |
| Marketing, Distribution, Purchasing, Business & Industrial Management Technologies | --       | --        | 19         | --        | --         | 8          | 9         | --        | 12         | 39           | 9          | --         | --       | --         | 39           | 9          |
| Secretarial Technologies                                                           | --       | 27        | 20         | 9         | --         | 2          | 6         | --        | 11         | 33           | 42         | 45         | --       | 45         | 78           | 42         |
| Personal Service Technologies                                                      | --       | --        | --         | --        | --         | 4          | --        | --        | --         | 4            | --         | --         | --       | --         | 4            | --         |
| Photography Technologies                                                           | --       | --        | --         | --        | --         | --         | --        | --        | --         | --           | --         | 1          | --       | 1          | 1            | --         |
| Hotel & Restaurant Management Technologies                                         | --       | --        | --         | --        | --         | --         | --        | --        | 1          | 1            | --         | --         | --       | --         | 1            | --         |
| Transportation & Public Utility                                                    | --       | --        | 2          | --        | --         | --         | --        | --        | --         | 2            | --         | --         | --       | --         | 2            | --         |
| Applied Arts, Graphic Arts, & Fine Arts Technologies                               | --       | --        | --         | --        | --         | 4          | 1         | --        | 14         | 18           | 1          | 9          | --       | 9          | 27           | 1          |
| <u>Public Service-related Technologies</u>                                         |          |           |            |           |            |            |           |           |            |              |            |            |          |            |              |            |
| Public Service Technologies                                                        | --       | --        | --         | --        | --         | --         | --        | --        | --         | --           | --         | 9          | --       | 9          | 9            | --         |
| Library Assistant Technologies                                                     | --       | --        | --         | --        | --         | --         | --        | --        | --         | --           | --         | 10         | --       | 10         | 10           | --         |
| Nursery Assistant Technologies                                                     | --       | --        | --         | --        | --         | 7          | 2         | --        | --         | 7            | 2          | --         | --       | --         | 7            | 2          |
| Education Technologies                                                             | --       | --        | --         | 34        | --         | --         | --        | --        | --         | --           | 34         | --         | --       | --         | --           | 34         |
| Police, Law Enforcement, & Corrections Technologies                                | --       | --        | <u>12</u>  | <u>7</u>  | --         | --         | --        | --        | --         | <u>12</u>    | <u>7</u>   | <u>1</u>   | --       | <u>1</u>   | <u>13</u>    | <u>7</u>   |
| Total, Nonscience & Nonengineering                                                 | --       | <u>27</u> | <u>53</u>  | <u>52</u> | --         | <u>25</u>  | <u>18</u> | --        | <u>143</u> | <u>221</u>   | <u>97</u>  | <u>75</u>  | --       | <u>75</u>  | <u>296</u>   | <u>97</u>  |
| Grand Total                                                                        | <u>3</u> | <u>41</u> | <u>481</u> | <u>68</u> | <u>207</u> | <u>219</u> | <u>43</u> | <u>88</u> | <u>336</u> | <u>1,334</u> | <u>152</u> | <u>447</u> | <u>8</u> | <u>455</u> | <u>1,789</u> | <u>152</u> |

Source: Regis Reports.

**TABLE 21**  
**Utah System of Higher Education**  
**Degrees and Awards Based on Less Than Four Years of Work beyond High School**  
**— Curriculums of Two or More but Less Than Four Years —**  
**Work Not Wholly or Chiefly Creditable toward a Bachelor's Degree, 1979-80**

|                                                                                                                           | WSC<br>Other<br>Formal<br>Recogn-<br>ition<br>(1) | Snow<br>Other<br>Formal<br>Assoc. Recog-<br>nition<br>(2) | CEU<br>Assoc. Recog-<br>nition<br>(3) | UTC-Provo<br>Assoc. Recog-<br>nition<br>(4) | UTC-Provo<br>Other<br>Formal<br>Recogn-<br>ition<br>(5) | UTC/SL<br>Other<br>Formal<br>Recogn-<br>ition<br>(6) | UTC/SL<br>Assoc. Recog-<br>nition<br>(7) | Total Public<br>Other<br>Formal<br>Assoc. Recog-<br>nition<br>(8) | LDS BC<br>Assoc. Recog-<br>nition<br>(9) | SN Col<br>Assoc. Recog-<br>nition<br>(10) | TI Pys<br>Assoc. Recog-<br>nition<br>(11) | Total All<br>Other<br>Formal<br>Assoc. Recog-<br>nition<br>(12) | Total All<br>Other<br>Formal<br>Assoc. Recog-<br>nition<br>(13) | Total All<br>Other<br>Formal<br>Assoc. Recog-<br>nition<br>(14) |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------|---------------------------------------|---------------------------------------------|---------------------------------------------------------|------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------|------------------------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| ARTS AND SCIENCE OR GENERAL PROGRAMS,<br>NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS.                                       | --                                                | --                                                        | --                                    | --                                          | --                                                      | --                                                   | --                                       | --                                                                | --                                       | --                                        | --                                        | --                                                              | --                                                              | --                                                              |
| SCIENCE- OR ENGINEERING-RELATED ORGANIZED<br>OCCUPATIONAL CURRICULUMS AT THE TECHNICAL<br>OR SEMI-PROFESSIONAL LEVEL      |                                                   |                                                           |                                       |                                             |                                                         |                                                      |                                          |                                                                   |                                          |                                           |                                           |                                                                 |                                                                 |                                                                 |
| <u>Data Processing Technologies</u>                                                                                       |                                                   |                                                           |                                       |                                             |                                                         |                                                      |                                          |                                                                   |                                          |                                           |                                           |                                                                 |                                                                 |                                                                 |
| Data Processing Technologies, General                                                                                     | 1                                                 | --                                                        | --                                    | --                                          | --                                                      | --                                                   | --                                       | 1                                                                 | 6                                        | --                                        | 6                                         | 6                                                               | 1                                                               |                                                                 |
| <u>Health Services and Paramedical Technologies</u>                                                                       |                                                   |                                                           |                                       |                                             |                                                         |                                                      |                                          |                                                                   |                                          |                                           |                                           |                                                                 |                                                                 |                                                                 |
| Radiologic Technologies                                                                                                   | --                                                | --                                                        | --                                    | --                                          | 3                                                       | --                                                   | 3                                        | --                                                                | --                                       | --                                        | --                                        | 3                                                               | --                                                              |                                                                 |
| Psychiatric Technologies                                                                                                  | --                                                | --                                                        | --                                    | --                                          | 5                                                       | --                                                   | 5                                        | --                                                                | --                                       | --                                        | --                                        | 5                                                               | --                                                              |                                                                 |
| Nuclear Medicine                                                                                                          | 1                                                 | --                                                        | --                                    | --                                          | --                                                      | --                                                   | --                                       | 1                                                                 | --                                       | --                                        | --                                        | --                                                              | 1                                                               |                                                                 |
| <u>Mechanical &amp; Engineering Technologies</u>                                                                          |                                                   |                                                           |                                       |                                             |                                                         |                                                      |                                          |                                                                   |                                          |                                           |                                           |                                                                 |                                                                 |                                                                 |
| Mechanical & Engineering Technologies, General                                                                            | 2                                                 | --                                                        | --                                    | --                                          | 15                                                      | 1                                                    | 15                                       | 3                                                                 | --                                       | --                                        | --                                        | 15                                                              | 3                                                               |                                                                 |
| Engineering Graphics                                                                                                      | --                                                | --                                                        | --                                    | --                                          | --                                                      | 4                                                    | --                                       | 4                                                                 | --                                       | --                                        | --                                        | --                                                              | 4                                                               |                                                                 |
| Architectural Drafting Technologies                                                                                       | --                                                | 2                                                         | 3                                     | --                                          | --                                                      | --                                                   | 2                                        | 3                                                                 | --                                       | --                                        | --                                        | 2                                                               | 3                                                               |                                                                 |
| Automotive Technologies                                                                                                   | --                                                | 4                                                         | --                                    | 1                                           | 10                                                      | 33                                                   | 19                                       | 52                                                                | --                                       | --                                        | --                                        | 15                                                              | 52                                                              |                                                                 |
| Diesel Technologies                                                                                                       | --                                                | --                                                        | --                                    | --                                          | 3                                                       | 19                                                   | 25                                       | 3                                                                 | 44                                       | --                                        | --                                        | 3                                                               | 44                                                              |                                                                 |
| Welding Technologies                                                                                                      | 1                                                 | 1                                                         | --                                    | --                                          | 1                                                       | 9                                                    | 10                                       | 2                                                                 | 20                                       | --                                        | --                                        | 2                                                               | 20                                                              |                                                                 |
| Electronics & Machine Technologies                                                                                        | --                                                | 2                                                         | --                                    | --                                          | 41                                                      | 1                                                    | 2                                        | 43                                                                | 3                                        | --                                        | --                                        | 43                                                              | 3                                                               |                                                                 |
| Electromechanical Technologies                                                                                            | --                                                | --                                                        | --                                    | --                                          | 4                                                       | 3                                                    | --                                       | 4                                                                 | 3                                        | --                                        | --                                        | 4                                                               | 3                                                               |                                                                 |
| Instrumentation Technologies                                                                                              | --                                                | --                                                        | --                                    | --                                          | 27                                                      | 21                                                   | --                                       | 27                                                                | 21                                       | --                                        | --                                        | 27                                                              | 21                                                              |                                                                 |
| Mechanical Technologies                                                                                                   | --                                                | --                                                        | --                                    | 1                                           | --                                                      | 3                                                    | --                                       | 1                                                                 | 3                                        | --                                        | --                                        | 1                                                               | 3                                                               |                                                                 |
| Construction & Building Technologies                                                                                      | --                                                | 4                                                         | 3                                     | --                                          | 14                                                      | 36                                                   | 10                                       | 18                                                                | 49                                       | --                                        | --                                        | 18                                                              | 49                                                              |                                                                 |
| Mining Technology                                                                                                         | --                                                | --                                                        | --                                    | 4                                           | --                                                      | --                                                   | --                                       | 4                                                                 | --                                       | --                                        | --                                        | 4                                                               | --                                                              |                                                                 |
| Total Section 2                                                                                                           | 5                                                 | 13                                                        | 6                                     | 6                                           | 123                                                     | 126                                                  | 70                                       | 142                                                               | 207                                      | 6                                         | --                                        | 6                                                               | 148                                                             | 207                                                             |
| NONSCIENCE- & NONENGINEERING-RELATED<br>ORGANIZED OCCUPATIONAL CURRICULUMS AT<br>THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL |                                                   |                                                           |                                       |                                             |                                                         |                                                      |                                          |                                                                   |                                          |                                           |                                           |                                                                 |                                                                 |                                                                 |
| <u>Business &amp; Commerce Technologies</u>                                                                               |                                                   |                                                           |                                       |                                             |                                                         |                                                      |                                          |                                                                   |                                          |                                           |                                           |                                                                 |                                                                 |                                                                 |
| Business & Commerce Technologies, General                                                                                 | --                                                | --                                                        | --                                    | 1                                           | --                                                      | --                                                   | --                                       | 1                                                                 | --                                       | --                                        | --                                        | 1                                                               | --                                                              |                                                                 |
| Accounting Technologies                                                                                                   | --                                                | --                                                        | --                                    | --                                          | 19                                                      | 3                                                    | --                                       | 19                                                                | 3                                        | 43                                        | 42                                        | 85                                                              | 104                                                             | 3                                                               |
| Marketing, Distribution, Purchasing,<br>Business, & Industrial Management<br>Technologies                                 | --                                                | 2                                                         | --                                    | --                                          | 16                                                      | 5                                                    | --                                       | 18                                                                | 5                                        | 15                                        | --                                        | 15                                                              | 33                                                              | 5                                                               |
| Secretarial Technologies                                                                                                  | 1                                                 | 10                                                        | 2                                     | --                                          | 32                                                      | 30                                                   | 2                                        | 42                                                                | 35                                       | 13                                        | 21                                        | 34                                                              | 76                                                              | 35                                                              |
| Personal Service Technologies                                                                                             | --                                                | --                                                        | --                                    | --                                          | --                                                      | --                                                   | --                                       | --                                                                | --                                       | --                                        | 21                                        | 21                                                              | 21                                                              | --                                                              |
| Hotel & Restaurant Management Technologies                                                                                | --                                                | --                                                        | --                                    | --                                          | 3                                                       | 1                                                    | --                                       | 3                                                                 | 1                                        | --                                        | --                                        | 3                                                               | 1                                                               |                                                                 |
| Applied Arts, Graphic Arts, & Fine Arts<br>Technologies                                                                   | --                                                | --                                                        | --                                    | --                                          | 4                                                       | --                                                   | 7                                        | 4                                                                 | 7                                        | --                                        | --                                        | 4                                                               | 7                                                               |                                                                 |
| <u>Public Service-related Technologies</u>                                                                                |                                                   |                                                           |                                       |                                             |                                                         |                                                      |                                          |                                                                   |                                          |                                           |                                           |                                                                 |                                                                 |                                                                 |
| Fire Control Technology                                                                                                   | --                                                | --                                                        | --                                    | --                                          | 6                                                       | --                                                   | --                                       | 6                                                                 | --                                       | --                                        | --                                        | 6                                                               | --                                                              |                                                                 |
| Total Section 3                                                                                                           | 1                                                 | 12                                                        | 2                                     | 1                                           | 80                                                      | 39                                                   | 2                                        | 91                                                                | 51                                       | 71                                        | 84                                        | 135                                                             | 248                                                             | 51                                                              |
| Grand Total                                                                                                               | 6                                                 | 25                                                        | 8                                     | 7                                           | 203                                                     | 165                                                  | 72                                       | 233                                                               | 258                                      | 72                                        | 84                                        | 161                                                             | 396                                                             | 258                                                             |

Sources: HBCIS Reports, 1979-80.

**TABLE 22**  
**Utah System of Higher Education**  
**Awards Based on Less Than Four Years of Work beyond High School —**  
**Curriculums of at Least One Year, but Less Than Four Years, 1979-80**

| Curriculums                                                                                                                  | UNE<br>(1) | WEC<br>(2) | SUBC<br>(3) | Snow<br>(4) | Dixie<br>(5) | CHU<br>(6) | UTC<br>Provo<br>(7) | UTC<br>Salt Lake<br>(8) | Total<br>Public<br>(9) | LDS<br>Business<br>College<br>(10) | Stevens<br>College<br>(11) | Total<br>Private<br>(12) | Total<br>Public &<br>Private<br>(13) |
|------------------------------------------------------------------------------------------------------------------------------|------------|------------|-------------|-------------|--------------|------------|---------------------|-------------------------|------------------------|------------------------------------|----------------------------|--------------------------|--------------------------------------|
| SCIENCE--OR ENGINEERING--RELATED ORGANIZED<br>OCCUPATIONAL CURRICULUMS AT THE TECHNICAL<br>OR SEMI-PROFESSIONAL LEVEL        |            |            |             |             |              |            |                     |                         |                        |                                    |                            |                          |                                      |
| <u>Data Processing Technologies</u>                                                                                          |            |            |             |             |              |            |                     |                         |                        |                                    |                            |                          |                                      |
| Data Processing Technologies, General                                                                                        | --         | --         | --          | --          | --           | --         | --                  | 13                      | 13                     | --                                 | --                         | --                       | 13                                   |
| <u>Health Services and Paramedical<br/>Technologies</u>                                                                      |            |            |             |             |              |            |                     |                         |                        |                                    |                            |                          |                                      |
| Dental Assistant Technologies                                                                                                | --         | 4          | --          | --          | --           | --         | 19                  | --                      | 23                     | --                                 | --                         | --                       | 23                                   |
| Nursing, Practical                                                                                                           | --         | 27         | --          | --          | --           | 25         | 89                  | 88                      | 229                    | --                                 | --                         | --                       | 229                                  |
| Medical Assistant & Office Technologies                                                                                      | --         | --         | --          | --          | --           | --         | --                  | --                      | --                     | 4                                  | 4                          | 4                        | 4                                    |
| Surgical Technologies                                                                                                        | --         | --         | --          | --          | --           | --         | --                  | 34                      | 34                     | --                                 | --                         | --                       | 34                                   |
| Medical Record Technologies                                                                                                  | --         | --         | --          | --          | --           | --         | --                  | --                      | --                     | 5                                  | --                         | 5                        | 5                                    |
| <u>Mechanical &amp; Engineering Technologies</u>                                                                             |            |            |             |             |              |            |                     |                         |                        |                                    |                            |                          |                                      |
| Mechanical & Engineering Technologies,<br>General                                                                            | --         | 1          | --          | --          | --           | --         | --                  | --                      | 1                      | --                                 | --                         | --                       | 1                                    |
| Engineering Graphics                                                                                                         | --         | --         | 1           | --          | 16           | --         | --                  | 10                      | 27                     | --                                 | --                         | --                       | 27                                   |
| Automotive Technologies                                                                                                      | --         | --         | --          | 31          | 5            | --         | --                  | 23                      | 59                     | --                                 | --                         | --                       | 59                                   |
| Welding Technologies                                                                                                         | --         | 3          | 7           | 3           | --           | --         | --                  | 5                       | 18                     | --                                 | --                         | --                       | 18                                   |
| Electronics and Machine Technologies                                                                                         | --         | --         | --          | 13          | --           | --         | --                  | 33                      | 46                     | --                                 | --                         | --                       | 46                                   |
| Architectural Drafting Technologies                                                                                          | --         | --         | 5           | --          | --           | --         | --                  | 3                       | 8                      | --                                 | --                         | --                       | 8                                    |
| Heavy Equipment Operators                                                                                                    | --         | --         | --          | --          | --           | --         | 21                  | --                      | 21                     | --                                 | --                         | --                       | 21                                   |
| Aeronautical and Aviation Technologies                                                                                       | --         | --         | --          | --          | 14           | --         | --                  | --                      | 14                     | --                                 | --                         | --                       | 14                                   |
| Civil Technologies                                                                                                           | --         | --         | --          | --          | 1            | --         | --                  | --                      | 1                      | --                                 | --                         | --                       | 1                                    |
| Solar Technologies                                                                                                           | --         | --         | --          | --          | 7            | --         | --                  | --                      | 7                      | --                                 | --                         | --                       | 7                                    |
| Construction and Building Technologies                                                                                       | --         | --         | 16          | 19          | --           | --         | --                  | 117                     | 152                    | --                                 | --                         | --                       | 152                                  |
| <u>Natural Science Technologies</u>                                                                                          |            |            |             |             |              |            |                     |                         |                        |                                    |                            |                          |                                      |
| Home Economics Technologies                                                                                                  | --         | --         | --          | --          | --           | --         | 21                  | --                      | 21                     | --                                 | --                         | --                       | 21                                   |
| Agricultural Technologies                                                                                                    | 63         | --         | --          | --          | --           | --         | --                  | --                      | 63                     | --                                 | --                         | --                       | 63                                   |
| Food Service Technologies                                                                                                    | --         | --         | --          | --          | --           | --         | --                  | 4                       | 4                      | --                                 | --                         | --                       | 4                                    |
| Total, Science or Engineering                                                                                                | 63         | 35         | 29          | 66          | 43           | 25         | 150                 | 327                     | 738                    | 5                                  | 4                          | 9                        | 747                                  |
| NONSCIENCE--AND NONENGINEERING--RELATED<br>ORGANIZED OCCUPATIONAL CURRICULUMS AT THE<br>TECHNICAL OR SEMI-PROFESSIONAL LEVEL |            |            |             |             |              |            |                     |                         |                        |                                    |                            |                          |                                      |
| <u>Business and Commerce Technologies</u>                                                                                    |            |            |             |             |              |            |                     |                         |                        |                                    |                            |                          |                                      |
| Business and Commerce Technologies,<br>General                                                                               | --         | --         | --          | --          | --           | --         | --                  | 5                       | 5                      | --                                 | --                         | --                       | 5                                    |
| Accounting Technologies                                                                                                      | --         | --         | --          | --          | --           | --         | 3                   | 79                      | 82                     | 11                                 | --                         | 11                       | 93                                   |
| Marketing, Distribution, Purchasing,<br>Business, and Industrial Management<br>Technologies                                  | --         | --         | --          | --          | --           | --         | --                  | 47                      | 47                     | --                                 | --                         | --                       | 47                                   |
| Secretarial Technologies                                                                                                     | --         | 4          | 31          | 7           | 1            | --         | --                  | 45                      | 92                     | 20                                 | 56                         | 76                       | 168                                  |
| Personal Service Technologies                                                                                                | --         | 27         | --          | --          | --           | 4          | --                  | 36                      | 67                     | --                                 | --                         | --                       | 67                                   |
| Printing and Lithography Technologies                                                                                        | --         | --         | --          | --          | --           | --         | --                  | 25                      | 25                     | --                                 | --                         | --                       | 25                                   |
| Hotel & Restaurant Management Techno-<br>logies                                                                              | --         | --         | --          | --          | --           | --         | --                  | 8                       | 8                      | --                                 | --                         | --                       | 8                                    |
| Transportation & Public Utility<br>Technologies                                                                              | --         | --         | --          | --          | --           | --         | 20                  | --                      | 20                     | --                                 | --                         | --                       | 20                                   |
| Applied, Graphic, & Fine Arts<br>Technologies                                                                                | --         | --         | --          | --          | 1            | --         | --                  | --                      | 1                      | --                                 | --                         | --                       | 1                                    |
| Real Estate                                                                                                                  | --         | --         | --          | --          | 35           | --         | --                  | --                      | 35                     | --                                 | --                         | --                       | 35                                   |
| Total, Nonscience or Nonengineering                                                                                          | --         | 31         | 31          | 7           | 37           | 8          | 23                  | 245                     | 382                    | 31                                 | 26                         | 87                       | 669                                  |
| Grand Total                                                                                                                  | 63         | 66         | 60          | 73          | 80           | 33         | 173                 | 572                     | 1,120                  | 36                                 | 60                         | 96                       | 1,216                                |

Source: HECIS Reports.

**TABLE 23**  
**Utah System of Higher Education**  
**Number of Teachers Recommended for Certification**  
**Classified by Level and Institution 1974 Through 1980**

| Institution                 |                 | 1974  | 1975 | 1976 | 1977  | 1978  | 1979 | 1980 |
|-----------------------------|-----------------|-------|------|------|-------|-------|------|------|
| Southern Utah State College | Early Childhood | 5     | 4    | 10   | 9     | --    | --   | --   |
|                             | Elementary      | 60    | 43   | 23   | 44    | 41    | 44   | 49   |
|                             | Secondary       | 91    | 69   | 83   | 67    | 65    | 52   | 58   |
|                             | Ungraded        | --    | --   | 1    | --    | --    | --   | --   |
|                             | Total           | 156   | 116  | 117  | 120   | 106   | 96   | 107  |
| University of Utah          | Early Childhood | 17    | 20   | 20   | 30    | 27    | 30   | 43   |
|                             | Elementary      | 122   | 103  | 116  | 117   | 97    | 105  | 115  |
|                             | Secondary       | 167   | 130  | 141  | 130   | 139   | 111  | 110  |
|                             | Ungraded        | 52    | 46   | 40   | 142   | 128   | 79   | 66   |
|                             | Total           | 358   | 309  | 317  | 419   | 391   | 325  | 334  |
| Utah State University       | Early Childhood | 24    | 12   | 8    | 3     | 24    | 10   | 10   |
|                             | Elementary      | 140   | 109  | 84   | 115   | 84    | 133  | 139  |
|                             | Secondary       | 232   | 224  | 191  | 236   | 156   | 171  | 173  |
|                             | Ungraded        | 52    | 54   | 60   | 61    | 74    | 51   | 44   |
|                             | Total           | 448   | 399  | 343  | 415   | 338   | 365  | 366  |
| Weber State College         | Early Childhood | 4     | 4    | 9    | 8     | 11    | 6    | 13   |
|                             | Elementary      | 96    | 66   | 68   | 72    | 85    | 75   | 84   |
|                             | Secondary       | 100   | 84   | 80   | 75    | 84    | 63   | 75   |
|                             | Ungraded        | ---   | ---  | ---  | ---   | ---   | ---  | ---  |
|                             | Total           | 200   | 154  | 157  | 155   | 180   | 144  | 172  |
| Total State Institutions    | Early Childhood | 50    | 40   | 47   | 50    | 62    | 46   | 66   |
|                             | Elementary      | 418   | 321  | 291  | 348   | 307   | 357  | 387  |
|                             | Secondary       | 590   | 517  | 495  | 508   | 444   | 397  | 416  |
|                             | Ungraded        | 104   | 100  | 101  | 203   | 202   | 130  | 110  |
|                             | Total           | 1,162 | 978  | 934  | 1,109 | 1,015 | 930  | 979  |

\*Estimated



TABLE 23 (Cont.)

| Institution                       |                 | 1974    | 1975    | 1976    | 1977  | 1978  | 1979   | 1980* |
|-----------------------------------|-----------------|---------|---------|---------|-------|-------|--------|-------|
| Brigham Young University          | Early Childhood | 103     | 75      | 78      | 90    | 90    | 83     | 85    |
|                                   | Elementary      | 524     | 396     | 395     | 398   | 399   | 421    | 440   |
|                                   | Secondary       | 543     | 553     | 507     | 406   | 405   | 449    | 437   |
|                                   | Ungraded        | 240     | 204     | 195     | 185   | 256   | 270    | 268   |
|                                   | Total           | 1,410   | 1,228   | 1,175   | 1,079 | 1,150 | 1,223  | 1,230 |
| Westminster College               | Early Childhood | ---     | ---     | 6       | 12    | 20    | 11     | 8     |
|                                   | Elementary      | 23      | 16      | 17      | 11    | 17    | 18     | 18    |
|                                   | Secondary       | 25      | 19      | 15      | 9     | 13    | 11     | 9     |
|                                   | Ungraded        | ---     | ---     | ---     | ---   | ---   | ---    | ---   |
|                                   | Total           | 48      | 35      | 38      | 32    | 50    | 40     | 35    |
| Total All Institutions            | Early Childhood | 153     | 115     | 131     | 153   | 172   | 140    | 159   |
|                                   | Elementary      | 965     | 733     | 703     | 757   | 723   | 796    | 845   |
|                                   | Secondary       | 1,158   | 1,089   | 1,017   | 923   | 862   | 857    | 862   |
|                                   | Ungraded        | 344     | 304     | 296     | 388   | 458   | 400    | 378   |
|                                   | Total           | 2,620   | 2,241   | 2,147   | 2,220 | 2,215 | 2,193  | 2,244 |
| Percent Change Over Previous Year |                 | (12.9%) | (14.5%) | ( 4.2%) | 3.4%  | (.2%) | (1.0%) | 2.3%  |

\*Estimated

Source: Utah State Office of Education, Status of Teacher Personnel in Utah 1979-80, p.98



**TABLE 24**  
**Utah System of Higher Education**  
**Number of Elementary and Secondary Teachers Graduating from Utah Colleges**  
**and Universities and Accepting Teaching Positions in Utah**  
**1977-78 and 1978-79**

| Name of Institution         | Number<br>Recommended For<br>Certificate |         | Number Teaching<br>in State |         | Percent Accepting<br>Positions in Utah |         |
|-----------------------------|------------------------------------------|---------|-----------------------------|---------|----------------------------------------|---------|
|                             | 1977-78                                  | 1978-79 | 1977-78                     | 1978-79 | 1977-78                                | 1978-79 |
| University of Utah          | 319                                      | 325     | 226                         | 164     | 57.8%                                  | 50.5%   |
| Utah State University       | 338                                      | 365     | 174                         | 199     | 51.5%                                  | 54.5%   |
| Weber State College         | 180                                      | 144     | 116                         | 92      | 64.4%                                  | 63.9%   |
| Southern Utah State College | 106                                      | 96      | 55                          | 54      | 51.9%                                  | 56.2%   |
| Brigham Young University    | 1,150                                    | 1,223   | 436                         | 505     | 39.9%                                  | 41.3%   |
| Westminster College         | 50                                       | 40      | 35                          | 23      | 70.0%                                  | 57.5%   |
| Total                       | 2,215                                    | 2,193   | 1,042                       | 1,037   | 47.0%                                  | 47.3%   |

Source: Utah State Office of Education, Status of Teacher Personnel in Utah, 1979-80  
(Salt Lake City, Utah: State Office of Education, 1980), p. 101.

**TABLE 25**  
**Utah System of Higher Education**  
**Number of Students Graduating from Utah Institutions of Higher Education**  
**in Elementary and Secondary Education and Percent Accepting**  
**Teaching Positions in Utah 1964-65 Through 1978-79**

| Year    | Number of<br>Institutions | Number of Graduates<br>in Elem & Sec. Education | Accepted Teaching<br>Positions in Utah |         |
|---------|---------------------------|-------------------------------------------------|----------------------------------------|---------|
|         |                           |                                                 | Number                                 | Percent |
| 1964-65 | 6                         | 2,209                                           | 1,175                                  | 53      |
| 1965-66 | 6                         | 2,409                                           | 1,319                                  | 55      |
| 1966-67 | 6                         | 2,524                                           | 1,236                                  | 49      |
| 1967-68 | 6                         | 2,688                                           | 1,245                                  | 46      |
| 1968-69 | 6                         | 2,967                                           | 1,239                                  | 42      |
| 1969-70 | 6                         | 3,160                                           | 1,041                                  | 33      |
| 1970-71 | 6                         | 3,379                                           | 1,101                                  | 33      |
| 1971-72 | 6                         | 2,957                                           | 1,005                                  | 34      |
| 1972-73 | 6                         | 3,008                                           | 955                                    | 32      |
| 1973-74 | 6                         | 2,620                                           | 936                                    | 36      |
| 1974-75 | 6                         | 2,241                                           | 818                                    | 37      |
| 1975-76 | 6                         | 2,147                                           | 748                                    | 35      |
| 1976-77 | 6                         | 2,220                                           | 954                                    | 43      |
| 1977-78 | 6                         | 2,215                                           | 1,042                                  | 47      |
| 1978-79 | 6                         | 2,193                                           | 1,037                                  | 47      |
| Total   |                           | 38,937                                          | 15,851                                 | 41%     |

Source: Utah State Office of Education, Status of Teacher Personnel in Utah, 1979-80  
(Salt Lake City: Utah State Office of Education 1980), p. 101.

#### *IV. Budgets and Finance*



**Budgeting Utah higher education is a constant challenge to Regents, institutions, and legislators.**



The Utah State Legislature approved a base budget of \$211,141,200 for the Utah System of Higher Education (including Statewide Programs and Other Related Programs) for the fiscal year 1980-81. This was an increase of \$19,447,300 or 10.1 percent over the previous year's approved budget of \$191,693,900. The budget was financed in part by an appropriation of \$160,984,900. This was an increase of \$14,777,900, or 10.1 percent, over the previous year's appropriation. The balance of the funding, \$50,156,300, came from other collections; tuition and fees revenues comprise approximately two-thirds of this with reimbursed overhead, mineral lease funds and federal funds making up the other one-third.

As in 1979-80, the state experienced a revenue shortfall. All state agencies and institutions, including both higher education and public education, were directed by a special legislative session to take a 3½ percent cut of appropriations. This is the third year in a row that higher education has experienced a budget cut; this one amounts to \$5,634,500.

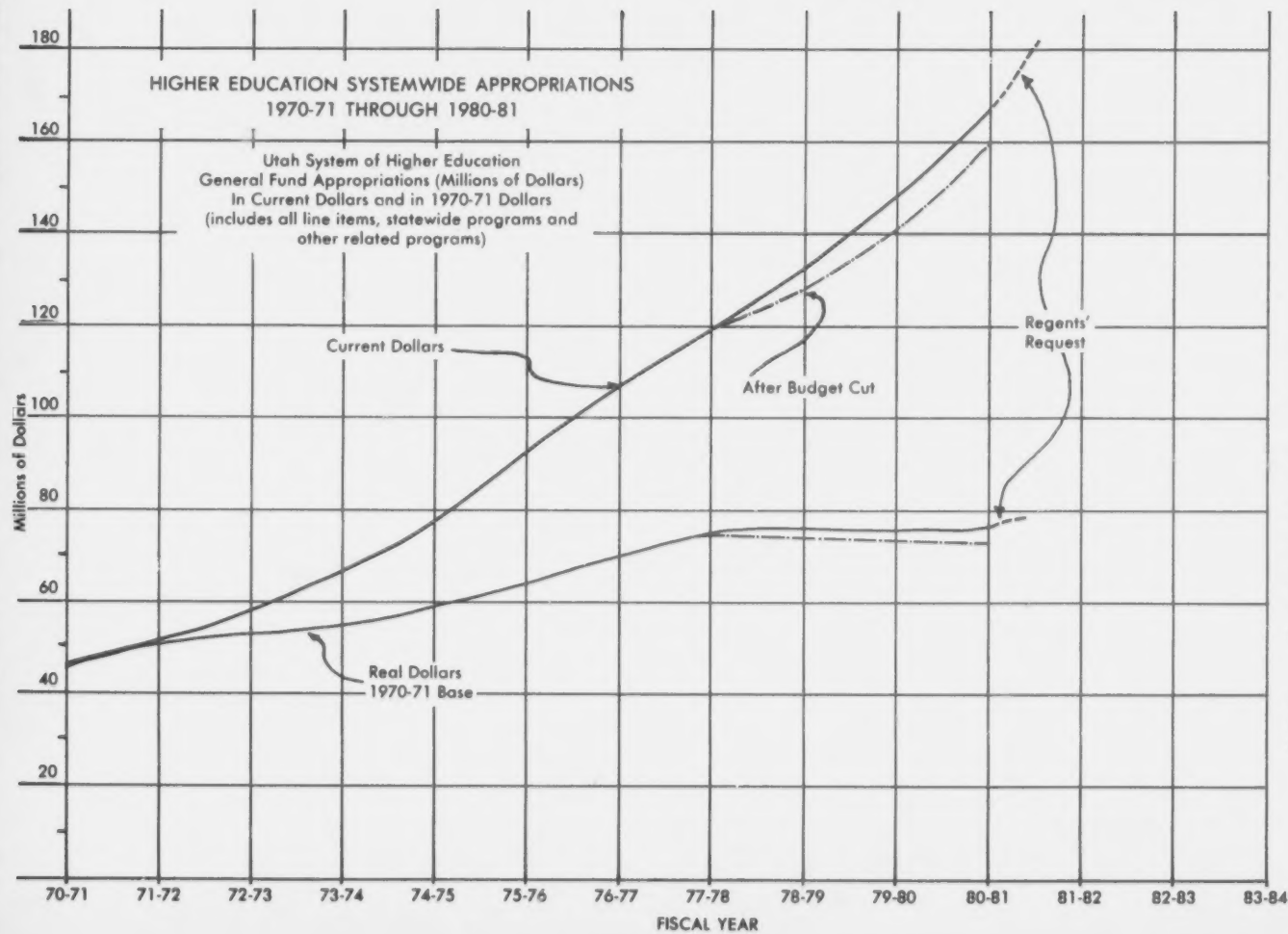
|         |                                                                                                   |
|---------|---------------------------------------------------------------------------------------------------|
| TABLE 1 | Summary of General Fund Appropriations (Including All Line Items) 1975-76 Through 1978-79. p. 69. |
| TABLE 2 | Student Tuition and Fees and Other Charges for the Academic Year 1979-80. p. 70.                  |
| TABLE 3 | Revenue for Operations, By Institution, 1977-78 Through 1978-79. p. 71.                           |
| TABLE 4 | Expenditures for Operations, By Institution, 1977-78 Through 1978-79. p. 72.                      |
| TABLE 5 | Total Revenues for Education and General, By Institution, 1977-78 Through 1978-79. p. 73.         |



**Budgeting and auditing personnel.**



FIGURE 1



| Year                 | Appropriations          | Appropriations<br>in 1970-71<br>Dollars |
|----------------------|-------------------------|-----------------------------------------|
| 1970-71              | \$ 46.3                 | \$46.3                                  |
| 1971-72              | 52.4                    | 50.5                                    |
| 1972-73              | 57.2                    | 52.6                                    |
| 1973-74              | 65.6                    | 55.6                                    |
| 1974-75              | 76.5                    | 58.9                                    |
| 1975-76              | 88.1                    | 63.1                                    |
| 1976-77              | 103.4                   | 69.8                                    |
| 1977-78              | 119.6                   | 75.5                                    |
| 1978-79              | 132.0130.1 <sup>a</sup> | 75.8 74.8 <sup>a</sup>                  |
| 1979-80              | 146.2140.5 <sup>b</sup> | 75.0 72.1 <sup>b</sup>                  |
| 1980-81              | 161.0155.4 <sup>b</sup> | 73.8 71.2 <sup>b</sup>                  |
| 1981-82 <sup>c</sup> | 189.0                   | 77.3                                    |

<sup>a</sup>After Governor's Savings cut of \$1,986,500.

<sup>b</sup>After Governor's and/or Legislators' cut.

<sup>c</sup>Regents' request.

TABLE 1

**Utah System of Higher Education**  
**Summary of General Fund Appropriations (including all line items) in Thousands of \$**  
**1976-77 through 1980-81**

|                                     | <u>1976-77</u>   | <u>1977-78</u>               | <u>1978-79</u>               | <u>1979-80</u>               | <u>1980-81</u>               |
|-------------------------------------|------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| University of Utah                  | \$ 47,447        | \$ 54,333                    | \$ 59,363                    | \$ 65,341                    | \$ 71,279                    |
| Utah State University               | 23,626           | 26,821                       | 30,159                       | 33,314                       | 37,121                       |
| Weber State College                 | 11,953           | 13,926                       | 15,563                       | 17,120                       | 19,216                       |
| Southern Utah State College         | 3,790            | 4,330                        | 4,703                        | 5,263                        | 5,802                        |
| Snow College                        | 1,829            | 2,127                        | 2,547                        | 2,875                        | 3,172                        |
| Dixie College                       | 1,945            | 2,131                        | 2,508                        | 2,853                        | 3,168                        |
| College of Eastern Utah             | 1,535            | 1,695                        | 1,966                        | 2,280                        | 2,571                        |
| Utah Technical College/Provo        | 3,485            | 4,576                        | 5,167                        | 5,845                        | 6,477                        |
| Utah Technical College/Salt Lake    | 4,635            | 5,355                        | 6,046                        | 6,847                        | 7,458                        |
| Board of Regents Administration     | 580              | 623                          | 688                          | 766                          | 778                          |
| Statewide Programs <sup>a</sup>     | 1,246            | 2,028                        | 1,772                        | 1,990                        | 2,179                        |
| Other Related Programs <sup>b</sup> | <u>1,351</u>     | <u>1,641</u>                 | <u>1,565</u>                 | <u>1,711</u>                 | <u>1,765</u>                 |
| USHE Total                          | <u>\$103,422</u> | <u>\$119,586<sup>c</sup></u> | <u>\$132,047<sup>d</sup></u> | <u>\$146,207<sup>e</sup></u> | <u>\$160,985<sup>f</sup></u> |

<sup>a</sup>Includes: Student Loan, WICHE, Computer Service and Uniform Accounting System, Cooperative Nursing, Statewide Television and Intercollegiate Assembly.

<sup>b</sup>Includes: Skills Centers, KUED and County Translators, USU Production Center, Zion Park Amphitheater and Fifth Pathway Program.

<sup>c</sup>Includes supplemental appropriations of \$485,661 made by the 1977 Legislature for FY 1976-77.

<sup>d</sup>Original appropriation prior to a \$1,986,500 Governor's reduction.

<sup>e</sup>Original appropriation prior to a \$5,757,561 Governor's reduction.

<sup>f</sup>Original appropriation prior to a 3½ percent legislative cut.

Note: Sums may not agree to total due to rounding.

**TABLE 2**  
**Utah System of Higher Education**  
**Student Tuition and Fees for the Academic Year 1980-81**

|                                                   | <u>Universities</u>         |                   | <u>Four-Year Colleges</u> |                 | <u>Two-Year Colleges</u> |                    |                   | <u>Technical Colleges</u> |                  |
|---------------------------------------------------|-----------------------------|-------------------|---------------------------|-----------------|--------------------------|--------------------|-------------------|---------------------------|------------------|
|                                                   | <u>U. of U.<sup>a</sup></u> | <u>U.S.U.</u>     | <u>W.S.C.</u>             | <u>S.U.S.C.</u> | <u>Snow</u>              | <u>Dixie</u>       | <u>C.E.U.</u>     | <u>Provo</u>              | <u>Salt Lake</u> |
| <u><b>Tuition and Registration</b></u>            |                             |                   |                           |                 |                          |                    |                   |                           |                  |
| Resident Students                                 | \$ 642.00 <sup>b</sup>      | \$ 552.00         | \$ 480.00                 | \$ 462.00       | \$ 387.00                | \$ 387.00          | \$ 387.00         | \$ 387.00                 | \$ 387.00        |
| Nonresident Students                              | 1,890.00 <sup>b</sup>       | 1,710.00          | 1,371.00                  | 1,320.00        | 1,104.00                 | 1,104.00           | 1,104.00          | 1,161.00                  | 1,161.00         |
| <u><b>Other Fees</b></u>                          |                             |                   |                           |                 |                          |                    |                   |                           |                  |
| Student Activity                                  | 21.00                       | 39.00             | 20.25                     | 52.50           | 49.50                    | 36.00              | 42.00             | 39.00                     | 9.00             |
| Building Fee                                      | 79.50                       | 56.00             | 79.00                     | 60.00           | 48.00                    | 33.00              | 42.00             | 57.00                     | 45.00            |
| Athletic Fee                                      | 30.00                       | 39.00             | 30.50                     | 39.00           | 33.00                    | 30.00              | 36.00             | --                        | --               |
| Union Building Fee                                | --                          | --                | 13.50                     | 13.50           | 12.00                    | 54.00              | 30.00             | 24.00                     | 27.00            |
| Lectures, Theatre, Concerts, Etc.                 | --                          | --                | 3.75                      | --              | 6.00                     | --                 | --                | --                        | --               |
| Medical Insurance or Health Serv.                 | 6.75                        | 15.00             | 6.00                      | --              | 12.00                    | --                 | --                | 6.00                      | 3.00             |
| Other                                             | 6.75 <sup>c</sup>           | 1.00 <sup>d</sup> | --                        | --              | 28.50 <sup>e</sup>       | 12.00 <sup>f</sup> | 3.00 <sup>g</sup> | --                        | --               |
| Total Other Fees                                  | 144.00                      | 150.00            | 153.00                    | 165.00          | 189.00                   | 165.00             | 153.00            | 126.00                    | 84.00            |
| <u><b>Total Tuition and Fees Charged Each</b></u> |                             |                   |                           |                 |                          |                    |                   |                           |                  |
| <u><b>Full-time Student per Academic Year</b></u> |                             |                   |                           |                 |                          |                    |                   |                           |                  |
| Resident Students                                 | \$ 786.00                   | \$ 702.00         | \$ 633.00                 | \$ 627.00       | \$ 576.00                | \$ 552.00          | \$ 540.00         | \$ 513.00                 | \$ 471.00        |
| Nonresident Students                              | 2,034.00                    | 1,860.00          | 1,524.00                  | 1,485.00        | 1,293.00                 | 1,269.00           | 1,257.00          | 1,287.00                  | 1,245.00         |

<sup>a</sup>Academic year tuition for the Colleges of Medicine and Law at the University are as follows:

<sup>b</sup>Rates for 15 hours per quarter.

<sup>c</sup>Recreation fee.

<sup>d</sup>Class fee.

<sup>e</sup>Yearbook \$12; activity center \$16.50.

<sup>f</sup>Yearbook.

<sup>g</sup>Alumni fee.

|                                    | <u>Regular Students</u> | <u>College of Medicine</u> | <u>College of Law</u> |
|------------------------------------|-------------------------|----------------------------|-----------------------|
| Tuition                            |                         | \$2,220.00                 | \$ 642.00             |
| Total Tuition & Fees               |                         | 2,364.00                   | 786.00                |
| <u><b>Nonresident Students</b></u> |                         |                            |                       |
| Tuition                            |                         | 4,518.00                   | 1,890.00              |
| Total Tuition & Fees               |                         | 4,662.00                   | 2,034.00              |



**TABLE 3**  
**Utah System of Higher Education**  
**Revenue from Operations by Institution**  
**in Thousands of \$ 1978-79 and 1979-80**

| <u>Institution</u>               | <u>1978-79 Actual</u> |            |                  |            |                  | <u>1979-80 Actual</u> |            |                  |            |                  |
|----------------------------------|-----------------------|------------|------------------|------------|------------------|-----------------------|------------|------------------|------------|------------------|
|                                  | <u>General</u>        | <u>%</u>   | <u>Other</u>     | <u>%</u>   | <u>Total</u>     | <u>General</u>        | <u>%</u>   | <u>Other</u>     | <u>%</u>   | <u>Total</u>     |
|                                  | <u>Fund</u>           |            | <u>Operating</u> |            | <u>100%</u>      | <u>Fund</u>           |            | <u>Operating</u> |            | <u>100%</u>      |
|                                  | <u>Appropri-</u>      |            | <u>Revenue</u>   |            |                  | <u>Appropri-</u>      |            | <u>Revenue</u>   |            |                  |
|                                  | <u>ation</u>          |            |                  |            |                  | <u>ation</u>          |            |                  |            |                  |
|                                  | (1)                   | (2)        | (3)              | (4)        | (5)              | (6)                   | (7)        | (8)              | (9)        | (10)             |
| University of Utah               | \$ 59,411             | 77%        | \$17,341         | 23%        | \$ 76,752        | \$ 62,063             | 75%        | \$20,472         | 25%        | \$ 82,535        |
| Utah State University            | 30,159                | 72%        | 11,809           | 28%        | 41,968           | 31,947                | 70%        | 13,990           | 30%        | 45,937           |
| Weber State College              | 15,708                | 79%        | 4,214            | 21%        | 19,922           | 16,200                | 75%        | 5,329            | 25%        | 21,529           |
| Southern Utah State College      | 4,703                 | 84%        | 876              | 16%        | 5,579            | 4,977                 | 81%        | 1,185            | 19%        | 6,162            |
| Snow College                     | 2,547                 | 89%        | 311              | 11%        | 2,858            | 2,718                 | 83%        | 553              | 17%        | 3,271            |
| Dixie College                    | 2,509                 | 83%        | 512              | 17%        | 3,021            | 2,695                 | 81%        | 627              | 19%        | 3,322            |
| College of Eastern Utah          | 1,966                 | 85%        | 356              | 15%        | 2,322            | 2,489                 | 94%        | 148              | 6%         | 2,637            |
| Utah Technical College/Provo     | 5,322                 | 75%        | 1,781            | 25%        | 7,103            | 7,463                 | 99%        | 43               | 1%         | 7,506            |
| Utah Technical College/Salt Lake | 6,174                 | 75%        | 2,012            | 25%        | 8,186            | 8,518                 | 99%        | 51               | 1%         | 8,569            |
| Board of Regents Administration  | 688                   | 88%        | 98               | 12%        | 786              | 718                   | 85%        | 125              | 15%        | 843              |
| Statewide Programs               | 1,772                 | 100%       | --               | 0%         | 1,772            | 1,928                 | 103%       | (55)             | (3%)       | 1,873            |
| Other Related Programs           | <u>1,565</u>          | <u>34%</u> | <u>3,050</u>     | <u>66%</u> | <u>4,615</u>     | <u>913</u>            | <u>65%</u> | <u>498</u>       | <u>35%</u> | <u>1,411</u>     |
| USHE Total                       | <u>\$132,524</u>      | <u>76%</u> | <u>\$42,360</u>  | <u>24%</u> | <u>\$174,884</u> | <u>\$142,629</u>      | <u>77%</u> | <u>\$42,966</u>  | <u>23%</u> | <u>\$185,595</u> |



**TABLE 4**  
**Utah System of Higher Education**  
**Expenditures for Operation by Institution in Thousands of \$**  
**1978-79 and 1979-80**

| Institution                      | 1978-79 Actual   |                 |                  | 1979-80 Actual   |                 |                  |
|----------------------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|
|                                  | Education        | All Other       | Total            | Education        | All Other       | Total            |
|                                  | & General        | Programs        |                  | & General        | Programs        |                  |
|                                  | (1)              | (2)             | (3)              | (4)              | (5)             | (6)              |
| University of Utah               | \$ 66,589        | \$10,163        | \$ 76,752        | \$ 71,358        | \$11,177        | \$ 82,535        |
| Utah State University            | 30,587           | 11,381          | 41,968           | 33,307           | 12,630          | 45,937           |
| Weber State College              | 19,773           | 149             | 19,922           | 21,382           | 147             | 21,529           |
| Southern Utah State College      | 5,510            | 68              | 5,578            | 6,104            | 58              | 6,162            |
| Snow College                     | 2,839            | 19              | 2,858            | 3,249            | 22              | 3,271            |
| Dixie College                    | 3,009            | 12              | 3,021            | 3,309            | 13              | 3,322            |
| College of Eastern Utah          | 2,254            | 68              | 2,322            | 2,489            | 148             | 2,637            |
| Utah Technical College/Provo     | 7,068            | 35              | 7,103            | 7,463            | 43              | 7,506            |
| Utah Technical College/Salt Lake | 8,143            | 43              | 8,186            | 8,518            | 51              | 8,569            |
| Board of Regents Administration  | --               | 786             | 786              | --               | 843             | 843              |
| Statewide Programs               | --               | 1,765           | 1,765            | --               | 1,873           | 1,873            |
| Other Related Programs           | --               | 4,615           | 4,615            | --               | 1,411           | 1,411            |
| USHE Grand Total                 | <u>\$145,772</u> | <u>\$29,104</u> | <u>\$174,876</u> | <u>\$157,179</u> | <u>\$28,416</u> | <u>\$185,595</u> |

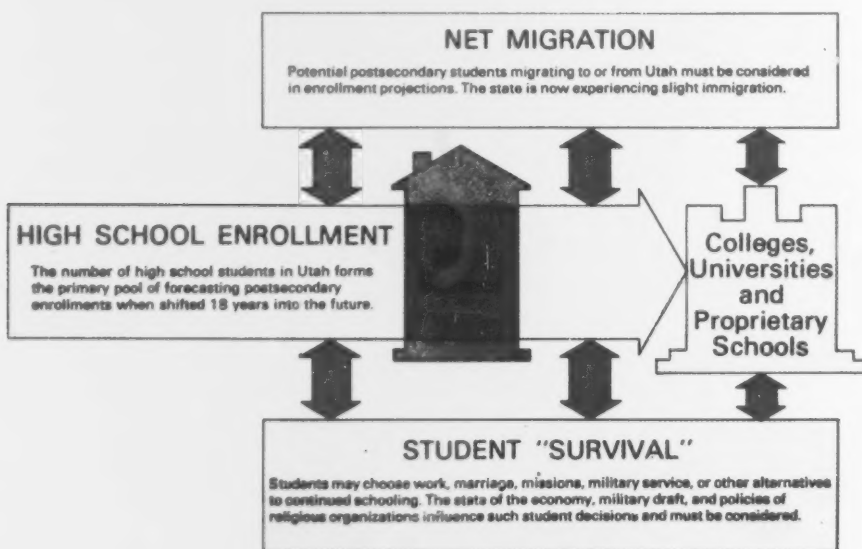
## *V. Planning and Enrollment*



**Enrollment forecasting is  
a complex process.**

An important and active planning committee during the fiscal year 1980-81 was the Post-secondary Education Finance Task Force. A wide variety of financial problems related to higher education were discussed and many recommendations were passed on to the Commissioner and the Presidents' Council. The Finance Task Force was chaired by I. E. Bradley, Associate Commissioner for Finance; other members are Derald V. Johnson, Director for Budgets; Arvo Van Alstyne and Leon B. Robertson, University of Utah; Richard M. Swenson and George J. Allen, Utah State University; Jerald T. Storey and A. Dee Vest, Weber State College;

*Figure 1. Enrollment Planning Model*



Paul R. Southwick, Southern Utah State College; Lee R. Thompson, Snow College; Roland B. Woolley, Dixie College; Ted J. Jensen, College of Eastern Utah; Gilbert T. Olsen, Utah Technical College at Provo; James Schnirel and Burton A. Talmage, Utah Technical College at Salt Lake.

FIGURE 2  
UTAH SYSTEM OF HIGHER EDUCATION  
ACADEMIC YEAR FTE  
Actual 1970-71 through 1979-80  
Projected 1980-81 through 1992-93

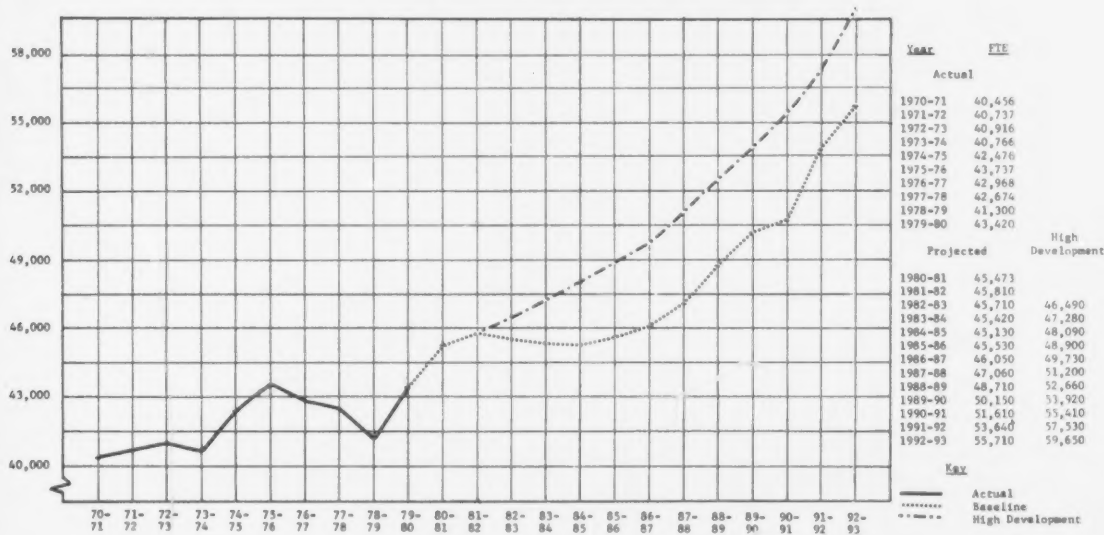
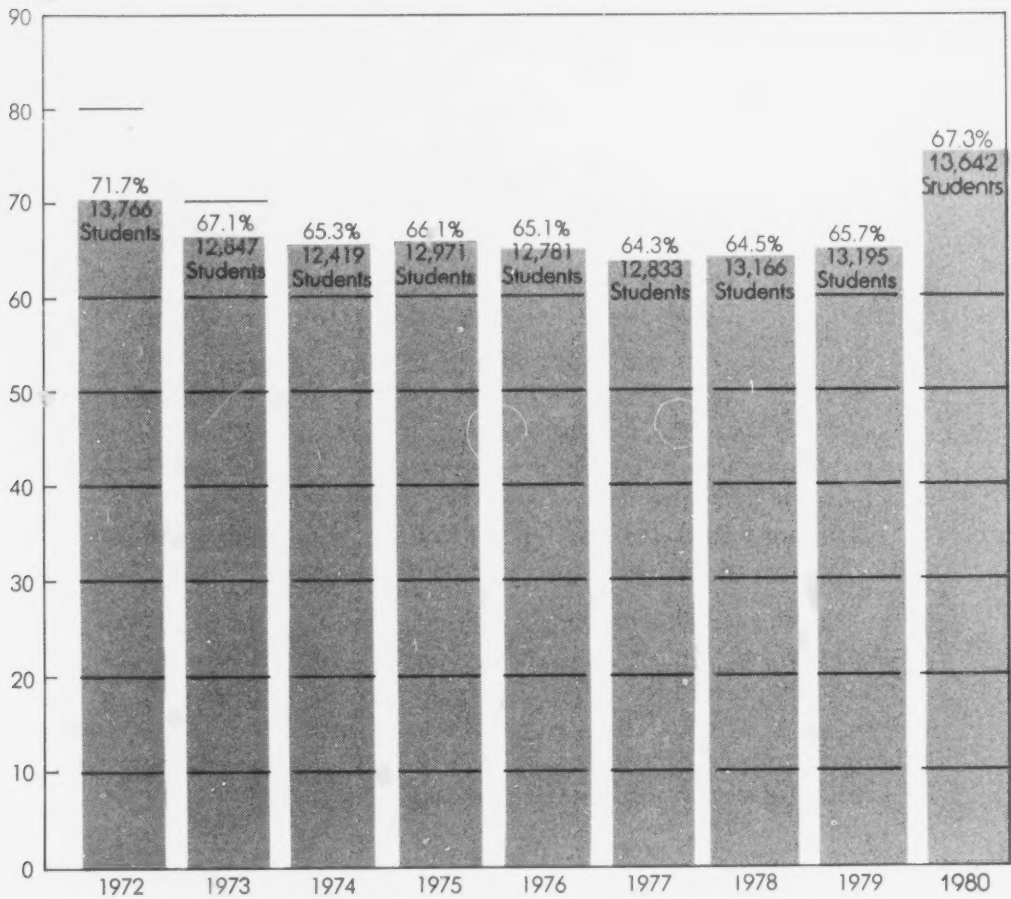


*Figure 3. Post High School Intentions  
Utah High School Graduates 1972 Through 1980*



High school graduates indicating an intention to seek post secondary training,  
for years 1972 through 1980.

SOURCE: High School Intentions Survey 1972 Through 1980

## ENROLLMENTS

Several different components were incorporated in an enrollment planning (see Figure 1) to project enrollments in higher education through the academic year 1992-93.

Among the factors considered in making these enrollment projections are the following:

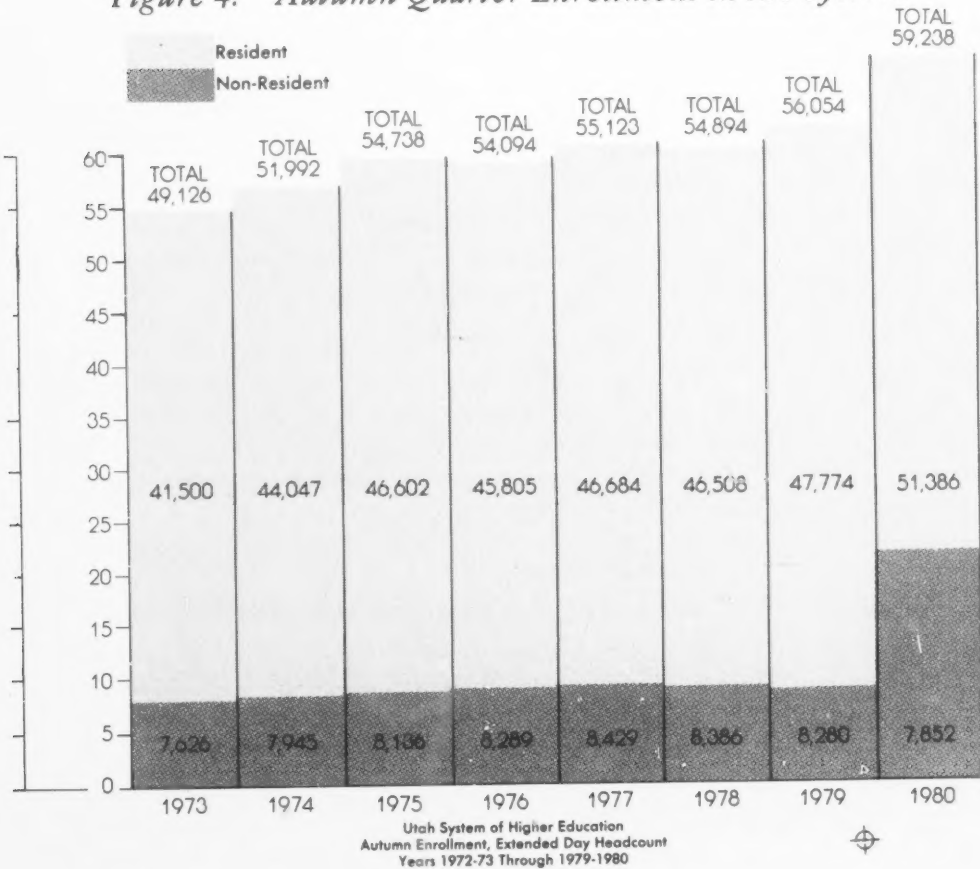
1. The majority of new students entering Utah colleges and universities are recent high school graduates. As a result, the first step in projecting post-high school enrollments is to include the number of high school graduates as a part of the enrollment planning model. Future high school graduates are projected on the basis of historical survival rates from year to year as students progress through the public school system.
2. After projecting the number of high school graduates, it is then necessary to estimate the propensity of these graduates to continue their education and training. Each spring high school seniors in the state of Utah respond to an intention survey; i.e., high school seniors are queried as to whether or not they plan to go to college and if so, where, etc. Trends in these surveys were projected into the future.
3. In addition to the preceding items, migration patterns, both into and out of the state, as well as relocations within the state must be considered. Utah has experienced significant, sustained and increasing in-migration since 1970. This in-migration was projected to continue at approximately the same rate as was experienced during the late 1970's.
4. Non-resident students have traditionally been attracted to Utah schools. Historical trends in non-resident enrollment have been examined and adjusted to reflect a declining number of participants in Utah. Generally speaking, Utah is one of the few western states that does not have a significant decline in high school graduates projected in the immediate future; hence, there are fewer non-resident students available and increased competition to recruit them.

Enrollments are projected to be fairly stable (see Figure 2) through 1985; from that time through 1992 and beyond enrollments in Utah's colleges and universities will experience rapid growth. This increase is virtually certain — there are already large increases in the grade schools; also, the birth rate and in-migration patterns are almost certain to continue. The high enrollments in

the current year (1980-81) are most likely due to the high inflation rate and economic slowdown which encourages many to seek additional training and enter the job market to supplement family incomes. If the current economic situation continues, the projected mild decrease in enrollments before 1985 may not become a reality. The propensity to enroll in higher education is correlated in a strong, positive manner to unemployment rates.

The growth in enrollments this fall (1980) included approximately equal proportions of men and women. In 1970, 34.5 percent of the students in the Utah System of Higher Education institutions were women; by 1978 the percentage had increased to 39.5 percent; the current autumn enrollments are 41.3 percent women. This is a mild drop-off from just over 42 percent in the

Figure 4. Autumn Quarter Enrollment in the System



SOURCE: USHE Enrollment Reports.



fall of 1979. Participation by women in higher education is expected to remain strong as more and more women prepare to enter the work force. It should be noted that there are many potential post-secondary students in Utah at the present. This large pool of current non-participants could be a volatile factor in college enrollments in the coming years. Some of the factors that could influence attendance are: (1) changes in employment rates and patterns, (2) reinstatement of a military draft, (3) changes in Brigham Young University's enrollment practices, (4) changes in educational requirements due to new or expanded industry in the state. These and other factors will play a role in higher education in the years to come for the state of Utah.

### COMPUTING

The State Board of Regents adopted new "Computing Systems Program Policies" on July 31, 1978. These policies were designed to coordinate the System of Higher Education's computing policies with those of the Systems Planning Steering Board, and also to modify certain previous policies in light of rapidly changing computer technology. Among other provisions, the new statement recognized the growing educational importance of computers, declaring: "it is the intent of the Regents that all students within the System have access to computing." The approval process for computer acquisitions was also simplified.

The multi-college computer network connecting the large computer at Weber State College with facilities at the six other colleges within the System of Higher Education continues to provide basic administrative support to the participating institutions. The outlying schools have also banded together in cooperative support arrangements to cut their costs of operation.

### UTAH GUARANTEED STUDENT LOAN PROGRAM

The Utah Student Loan Program was established in 1979 by state law and is operated by the Utah State Board of Regents. While this loan program is guaranteed and subsidized by the federal government, it differs from the older campus-based national direct student loan program which has been operating since 1958. The Utah program has two aspects:

1. The Guaranteed Student Loan Program (GSL);



## 2. The Student Loan Purchase Program.

GSL's are available to any Utah student for post-secondary education if certain enrollment requirements are met. It differs from NDSL in that it is not "need based," the administration of the program is not based on the campuses around the state but is operated by an independent state agency, and the GSL interest rate is currently at 9 percent compared to NDSL's 3 percent. The Utah Higher Education Assistance Authority (UHEAA) is the state agency which governs the Guaranteed Student Loan Program under the supervision of the Utah State Board of Regents. Utah Education Loan Services, Inc. (UELSI) is under contract with UHEAA to assume all of the processing of the guarantee function. Since the program's inception, UHEAA has guaranteed some 70 million dollars in federally insured student loans through Utah lenders.

Because of the liquidity problems of Utah lending institutions, the GSL program would not be possible in Utah without the loan purchase program of the State Board of Regents. Under this program, the Board of Regents sells tax exempt revenue bonds or obtains other necessary financing to acquire the guaranteed student loans from the Utah lenders' portfolios. The Board then services these student loans through its agent, UELSI. Since the program's inception, the Board has purchased over 50 million dollars in federally guaranteed loans.

In October 1980, the Reauthorization of the GSLP was enacted by the United States Congress after months of deliberation. The Amendments of 1980, taking affect on January 1, 1981, have extended and modified significantly the GSL program through 1985. Aggregate loan limits have been raised for both undergraduate and graduate students, and interest rates for new borrowers have increased from 7 to 9 percent.

It is significant to note the close relationship that the State Board of Regents has with its servicing agent, UELSI. The Board was involved with the creation of UELSI and the President of this private non-profit corporation, Harden R. Eyring, was the first Executive Director of the Utah Student Loan Program. A minority of the five-person Board of Directors of UELSI are members of the Board of Regents. They are J. Lynn Dougan, Chairman; and W. Hughes Brockbank, Vice Chairman. Other officers of the program include Dr. T. H. Bell, Executive Director; and Ralph J. Olmo, Associate Executive Director.

## INTERNAL AUDIT SECTION

For several years, the Audit Department in the Commissioner's office has been closely involved in the development of critical programs throughout the system. Each year new areas are reviewed to determine compliance with Board of Regents' policies and the adequacy of operational efficiencies. Some particularly pressing areas are reviewed on a continuing basis, such as money management procedures, reimbursed overhead, and college financial aid programs. The Inspector General's Office of the Department of Education reviewed the professional qualifications of the Commissioner's staff and concluded that his Audit Department is competent to prepare independent audit reports on behalf of the federal government for NDSL, BEOG, SEOG, and Work Study.

During the past year, the Audit Department has become closely involved with the development of the Utah Guaranteed Student Loan Program and Loan Purchase Program. Burgeoning at an unexpected rate, these new student assistance programs have utilized the expert knowledge-ability of the Audit Department of the Commissioner's office in order to establish an efficient operation.

Major areas of audit review during 1979-80 also included inventory, equipment, and athletic departments. During the coming year, the Audit Department looks forward to serving management in the areas of tuition and enrollment records, and the motor pool departments.

On a regular basis, the Audit Department provides general assistance to management at the institution. Findings and recommendations regarding double payments, bank errors, and internal control operational matters have resulted in savings of several thousand dollars.

When called upon, the auditors serve as special consultants to the presidents of institutions on various financial and/or operational matters. Also, during the hectic budget period, the auditors pitch in to help meet crucial deadlines.

|          |                                                                                                                                     |
|----------|-------------------------------------------------------------------------------------------------------------------------------------|
| TABLE 1  | Autumn Headcount and FTE Enrollments, 1966-67 Through 1978-79. p. 84.                                                               |
| TABLE 2  | A Summary of Autumn 1978-79 Headcount and F.T.E. Students, By Level and Type of Student. p. 85.                                     |
| TABLE 3  | Autumn Headcount Enrollment, Resident and Nonresident, By Institution, 1970-71 Through 1978-79. p. 86.                              |
| TABLE 4  | A Comparison of Autumn Headcount Enrollments By Student Level and Residency, 1977 and 1978. p. 87.                                  |
| TABLE 5  | Autumn FTE Extended Day Enrollments, By Institution, 1969-1978-79. p. 88.                                                           |
| TABLE 6  | Entering Resident Freshmen Autumn 1978, As a Percentage of High School Graduates Spring 1978. By County. p. 89.                     |
| TABLE 7  | Utah Counties Providing Greatest Resident Enrollment Percentages, By Institution, Autumn Headcount, 1978-79. p. 90.                 |
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| TABLE 9  | Public and Private Veterans Enrollments 1974-75 Through 1978-79. p. 92.                                                             |
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**TABLE 5**  
**Utah System of Higher Education**  
**Total Revenues for Education and General by Institution in Thousands of \$**  
**1978-79 and 1979-80**

| <u>Institution</u>                     | <u>1978-79 Actual</u>             |                                                  |                     |                     | <u>1979-80 Actual</u>             |                                                  |                     |                     |
|----------------------------------------|-----------------------------------|--------------------------------------------------|---------------------|---------------------|-----------------------------------|--------------------------------------------------|---------------------|---------------------|
|                                        | <u>Appropri-<br/>ation</u><br>(1) | <u>Student<br/>Tuition<br/>&amp; Fees</u><br>(2) | <u>Other</u><br>(3) | <u>Total</u><br>(4) | <u>Appropri-<br/>ation</u><br>(5) | <u>Student<br/>Tuition<br/>&amp; Fees</u><br>(6) | <u>Other</u><br>(7) | <u>Total</u><br>(8) |
| University of Utah                     | \$ 50,371                         | \$11,947                                         | \$4,271             | \$ 66,589           | \$ 52,298                         | \$13,069                                         | \$ 5,991            | \$ 71,358           |
| Utah State University                  | 22,424                            | 6,806                                            | 1,357               | 30,587              | 23,861                            | 7,260                                            | 2,186               | 33,307              |
| Weber State College                    | 15,559                            | 3,817                                            | 397                 | 19,773              | 16,046                            | 4,669                                            | 666                 | 21,381              |
| Southern Utah State College            | 4,636                             | 832                                              | 42                  | 5,510               | 4,918                             | 974                                              | 212                 | 6,104               |
| Snow College                           | 2,524                             | 336                                              | (21)                | 2,839               | 2,695                             | 427                                              | 127                 | 3,249               |
| Dixie College                          | 2,497                             | 498                                              | 13                  | 3,008               | 2,683                             | 561                                              | 65                  | 3,309               |
| College of Eastern Utah                | 1,898                             | 222                                              | 134                 | 2,254               | 2,073                             | 272                                              | 144                 | 2,489               |
| Utah Technical College<br>at Provo     | 5,286                             | 1,291                                            | 491                 | 7,068               | 5,436                             | 1,474                                            | 553                 | 7,463               |
| Utah Technical College<br>at Salt Lake | <u>6,130</u>                      | <u>1,324</u>                                     | <u>689</u>          | <u>8,143</u>        | <u>6,387</u>                      | <u>1,485</u>                                     | <u>646</u>          | <u>8,518</u>        |
| <b>Total</b>                           | <u>\$111,325</u>                  | <u>\$27,073</u>                                  | <u>\$7,373</u>      | <u>\$145,771</u>    | <u>\$116,397</u>                  | <u>\$30,191</u>                                  | <u>\$10,590</u>     | <u>\$157,178</u>    |

**TABLE 1**  
**Utah System of Higher Education**  
**Autumn Headcount and FTE Enrollments<sup>a</sup>**  
**1966-67 through 1979-80**

| Year    | Headcount |            |             |            |        |        |            | FTE    |
|---------|-----------|------------|-------------|------------|--------|--------|------------|--------|
|         | Resident  |            | Nonresident |            | Total  |        |            | Number |
|         | Number    | Percentage | Number      | Percentage | Number | Change |            |        |
|         |           |            |             |            |        | Number | Percentage |        |
| 1966-67 | 34,632    | 84.6%      | 6,306       | 15.4%      | 40,938 | --     | --%        | 36,286 |
| 1967-68 | 37,382    | 86.2%      | 6,002       | 13.8%      | 43,384 | 2,446  | 6.0%       | 38,114 |
| 1968-69 | 40,342    | 87.3%      | 5,873       | 12.7%      | 46,215 | 2,831  | 6.5%       | 40,333 |
| 1969-70 | 42,040    | 87.5%      | 5,998       | 12.5%      | 48,038 | 1,823  | 3.9%       | 41,451 |
| 1970-71 | 42,834    | 87.3%      | 6,255       | 12.7%      | 49,089 | 1,051  | 2.2%       | 42,391 |
| 1971-72 | 43,234    | 86.4%      | 6,785       | 13.6%      | 50,019 | 930    | 1.9%       | 43,737 |
| 1972-73 | 41,740    | 85.1%      | 7,321       | 14.9%      | 49,061 | (958)  | (1.9%)     | 43,506 |
| 1973-74 | 41,500    | 84.5%      | 7,626       | 15.5%      | 49,126 | 65     | 0.1%       | 43,313 |
| 1974-75 | 44,047    | 84.7%      | 7,945       | 15.3%      | 51,992 | 2,866  | 5.8%       | 44,937 |
| 1975-76 | 46,602    | 85.1%      | 8,136       | 14.9%      | 54,738 | 2,746  | 5.3%       | 46,540 |
| 1976-77 | 45,805    | 84.7%      | 8,289       | 15.3%      | 54,094 | (644)  | (1.2%)     | 45,478 |
| 1977-78 | 46,694    | 84.7%      | 8,429       | 15.3%      | 55,123 | 1,029  | 1.9%       | 45,957 |
| 1978-79 | 46,508    | 84.7%      | 8,386       | 15.3%      | 54,894 | (229)  | (0.4%)     | 44,448 |
| 1979-80 | 48,605    | 85.4%      | 8,280       | 14.6%      | 56,885 | 1,991  | 3.6%       | 46,056 |

<sup>a</sup>Extended day for all institutions for all years.

Sources: Autumn Enrollment Reports.

**TABLE 5**  
**Utah System of Higher Education**  
**A Summary of Autumn FTE<sup>1</sup> Extended Day Enrollments, by Institution,**  
**1970-71 through 1979-80**

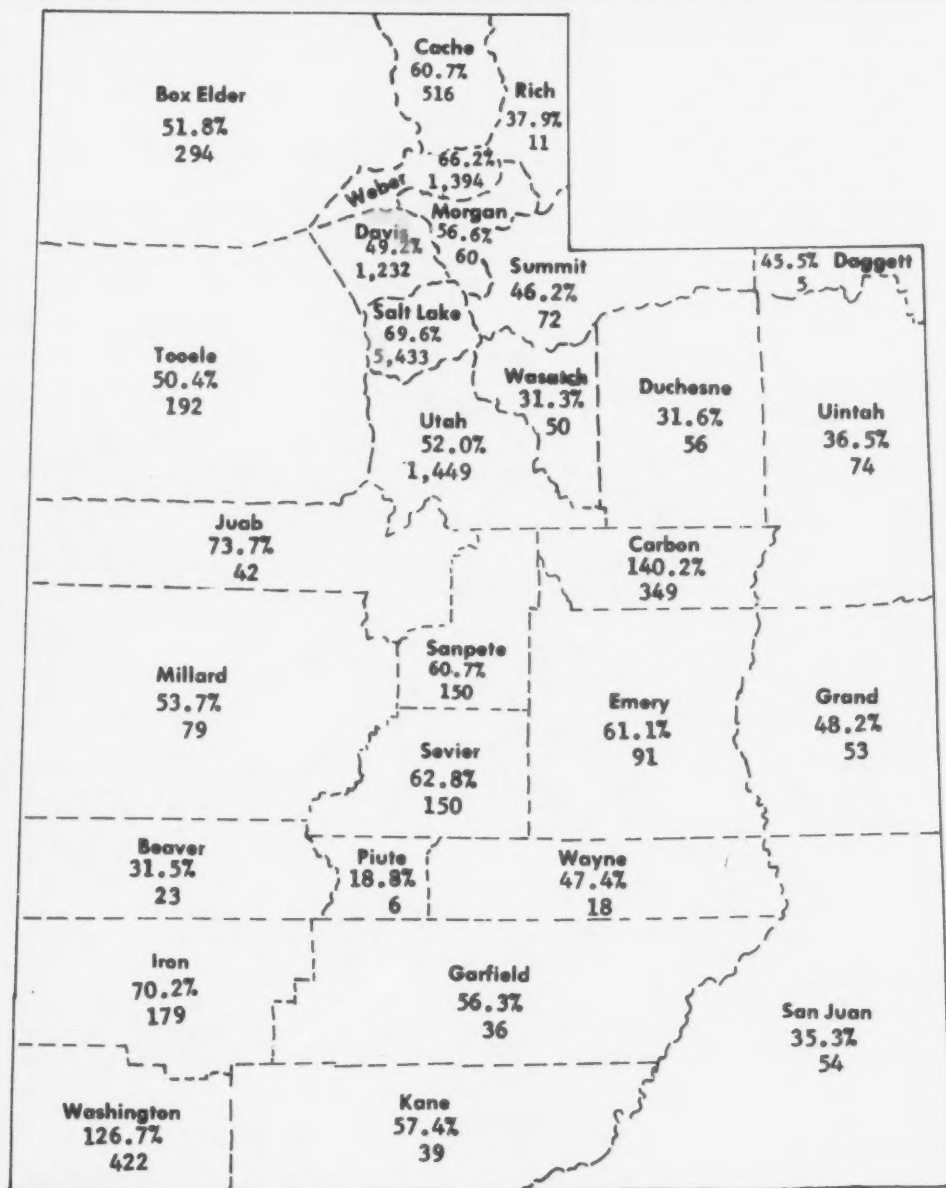
| <u>Institution</u>                     | <u>1970-71</u> | <u>1971-72</u> | <u>1972-73</u> | <u>1973-74</u> | <u>1974-75</u> | <u>1975-76</u> | <u>1976-77</u> | <u>1977-78</u> | <u>1978-79</u> | <u>1979-80</u> |
|----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| University of Utah <sup>2</sup>        | 18,566         | 19,732         | 19,531         | 19,391         | 19,702         | 19,564         | 18,339         | 18,338         | 17,675         | 17,874         |
| Utah State University                  | 8,209          | 8,504          | 8,597          | 8,308          | 8,635          | 8,961          | 8,956          | 9,285          | 8,813          | 8,982          |
| Weber State College                    | 7,618          | 7,021          | 6,512          | 6,620          | 6,600          | 7,284          | 6,917          | 6,831          | 6,875          | 7,477          |
| Southern Utah State College            | 1,891          | 1,826          | 1,724          | 1,542          | 1,748          | 1,769          | 1,794          | 1,768          | 1,722          | 1,834          |
| Snow College                           | 824            | 788            | 659            | 756            | 842            | 882            | 920            | 1,018          | 973            | 1,103          |
| Dixie College                          | 1,156          | 1,066          | 1,057          | 1,001          | 1,044          | 1,060          | 1,174          | 1,201          | 1,192          | 1,175          |
| College of Eastern Utah                | 655            | 546            | 470            | 479            | 519            | 464            | 526            | 641            | 612            | 622            |
| Utah Technical College<br>at Provo     | 1,436          | 1,709          | 2,094          | 2,099          | 2,374          | 2,729          | 2,980          | 2,896          | 2,869          | 3,212          |
| Utah Technical College<br>at Salt Lake | <u>2,036</u>   | <u>2,545</u>   | <u>2,862</u>   | <u>3,117</u>   | <u>3,473</u>   | <u>3,827</u>   | <u>3,872</u>   | <u>3,979</u>   | <u>3,717</u>   | <u>3,777</u>   |
| Total USHE                             | <u>42,391</u>  | <u>43,737</u>  | <u>43,506</u>  | <u>43,313</u>  | <u>44,937</u>  | <u>46,540</u>  | <u>45,478</u>  | <u>45,957</u>  | <u>44,448</u>  | <u>46,056</u>  |

<sup>1</sup>FTE: Undergraduates: 45 credit hours per year. Graduates: 36 credit hours per year through 1970-71; 30 credit hours per year beginning 1971-72.

<sup>2</sup>Excludes medical students.

Source: Autumn Enrollment Reports.

**TABLE 6**  
**Utah Residents Entering as Freshmen<sup>1</sup>, Autumn Headcount 1979**  
**As a Percentage of Utah High School Graduates by County,**  
**Spring 1979**



<sup>1</sup>Includes Utah System of Higher Education. The number of entering freshmen may be larger than the number of high school graduates in any one county because of residency changes and delayed entrance from prior years. There were an additional 91 students that were listed as undetermined by county of residence.

Source: USHE Autumn Enrollment Report, 1979; High School Intentions Survey, 1979.



**TABLE 2**  
**Utah System of Higher Education**  
**A Summary of Autumn 1979-80 Headcount and FTE Students,**  
**by Level and Type of Student**

|                                                  | Undergraduate                                |            |        |            |                      |            |       |            |          |            | Grand<br>Total<br>All<br>Students |
|--------------------------------------------------|----------------------------------------------|------------|--------|------------|----------------------|------------|-------|------------|----------|------------|-----------------------------------|
|                                                  | Professional, Career Education,<br>and Other |            |        |            | Vocational-Technical |            |       |            | Graduate |            |                                   |
|                                                  | Lower                                        |            | Upper  |            | Lower                |            | Upper |            |          |            |                                   |
|                                                  | Total                                        | Percentage | Total  | Percentage | Total                | Percentage | Total | Percentage | Total    | Percentage |                                   |
| A. <u>Headcount</u>                              |                                              |            |        |            |                      |            |       |            |          |            |                                   |
| University of Utah <sup>a</sup>                  | 10,630                                       | 49.2%      | 6,835  | 31.6%      | --                   | --         | --    | --         | 4,138    | 19.2%      | 21,603                            |
| Utah State University                            | 4,576                                        | 49.4%      | 3,166  | 34.2%      | 208                  | 2.2%       | 72    | 0.8%       | 1,244    | 13.4%      | 9,266                             |
| Weber State College                              | 4,936                                        | 51.0%      | 2,736  | 28.3%      | 1,361                | 14.1%      | 535   | 5.5%       | 106      | 1.1%       | 9,674                             |
| Southern Utah State College                      | 1,173                                        | 59.7%      | 589    | 30.0%      | 170                  | 8.6%       | 34    | 1.7%       | --       | --         | 1,966                             |
| Snow College                                     | 1,034                                        | 91.7%      | --     | --         | 93                   | 8.3%       | --    | --         | --       | --         | 1,127                             |
| Dixie College                                    | 1,267                                        | 79.7%      | --     | --         | 322                  | 20.3%      | --    | --         | --       | --         | 1,589                             |
| College of Eastern Utah                          | 629                                          | 73.9%      | --     | --         | 222                  | 26.1%      | --    | --         | --       | --         | 851                               |
| Utah Technical College/Provo                     | 836                                          | 20.2%      | --     | --         | 3,294                | 79.8%      | --    | --         | --       | --         | 4,130                             |
| Utah Technical College/Salt Lake                 | 179                                          | 3.1%       | --     | --         | 5,669                | 96.9%      | --    | --         | --       | --         | 5,848                             |
| Total Headcount                                  | 25,260                                       | 41.1%      | 13,326 | 23.8%      | 11,339               | 20.2%      | 641   | 1.1%       | 5,488    | 9.8%       | 56,054                            |
| B. <u>Full-Time Equivalent<sup>a</sup> (FTE)</u> |                                              |            |        |            |                      |            |       |            |          |            |                                   |
| University of Utah                               | 9,267                                        | 51.8%      | 4,951  | 27.7%      | --                   | --         | --    | --         | 3,656    | 20.5%      | 17,874                            |
| Utah State University                            | 4,843                                        | 53.9%      | 2,884  | 32.1%      | 206                  | 2.3%       | 45    | 0.5%       | 1,004    | 11.2%      | 8,982                             |
| Weber State College                              | 4,513                                        | 60.4%      | 1,477  | 19.8%      | 1,286                | 17.2%      | 153   | 2.0%       | 48       | 0.6%       | 7,477                             |
| Southern Utah State College                      | 1,082                                        | 59.0%      | 565    | 30.8%      | 151                  | 8.2%       | 36    | 2.0%       | --       | --         | 1,834                             |
| Snow College                                     | 1,003                                        | 90.9%      | --     | --         | 100                  | 9.1%       | --    | --         | --       | --         | 1,103                             |
| Dixie College                                    | 875                                          | 74.5%      | --     | --         | 300                  | 25.5%      | --    | --         | --       | --         | 1,175                             |
| College of Eastern Utah                          | 455                                          | 73.2%      | --     | --         | 167                  | 26.8%      | --    | --         | --       | --         | 622                               |
| Utah Technical College/Provo                     | 529                                          | 16.5%      | --     | --         | 2,683                | 83.5%      | --    | --         | --       | --         | 3,212                             |
| Utah Technical College/Salt Lake                 | 66                                           | 1.7%       | --     | --         | 3,711                | 98.3%      | --    | --         | --       | --         | 3,777                             |
| Total FTE                                        | 22,633                                       | 49.1%      | 9,877  | 21.4%      | 8,604                | 18.7%      | 234   | 0.5%       | 4,708    | 10.2%      | 46,056                            |

Note: Unknown undergraduates are considered to be freshmen.

Source: 1979 Autumn Enrollment Report.

<sup>a</sup>Excludes medical students.

**TABLE 3**  
**Utah System of Higher Education**  
**Autumn Headcount Enrollment, Resident and Nonresident, by Institution,**  
**1971-72 through 1979-80**

| Institution | 1971-72       |       | 1972-73       |       | 1973-74       |       | 1974-75       |       | 1975-76       |       | 1976-77       |       | 1977-78       |       | 1978-79       |       | 1979-80       |       |
|-------------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|
|             | No.           | %     | No.           | %     | No.           | %     | No.           | %     | No.           | %     | No.           | %     | No.           | %     | No.           | %     | No.           | %     |
| U of U      |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 18,013        | 84.3% | 17,193        | 82.4% | 17,030        | 82.4% | 17,645        | 82.6% | 18,705        | 84.3% | 17,965        | 84.5% | 18,427        | 85.8% | 18,101        | 86.0% | 18,742        | 86.8% |
| Nonresident | <u>3,345</u>  | 15.7% | <u>3,682</u>  | 17.6% | <u>3,628</u>  | 17.6% | <u>3,719</u>  | 17.4% | <u>3,475</u>  | 15.7% | <u>3,300</u>  | 15.5% | <u>3,060</u>  | 14.2% | <u>2,944</u>  | 14.0% | <u>2,861</u>  | 13.2% |
| Total       | <u>21,358</u> |       | <u>20,875</u> |       | <u>20,658</u> |       | <u>21,364</u> |       | <u>22,180</u> |       | <u>21,265</u> |       | <u>21,487</u> |       | <u>21,045</u> |       | <u>21,603</u> |       |
| USU         |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 6,721         | 76.0% | 6,520         | 74.5% | 5,967         | 69.9% | 6,007         | 68.2% | 6,117         | 67.1% | 5,924         | 65.0% | 5,980         | 63.4% | 6,004         | 65.1% | 6,192         | 66.8% |
| Nonresident | <u>2,121</u>  | 24.0% | <u>2,226</u>  | 25.5% | <u>2,566</u>  | 30.1% | <u>2,798</u>  | 31.8% | <u>2,996</u>  | 32.9% | <u>3,189</u>  | 35.0% | <u>3,456</u>  | 36.6% | <u>3,224</u>  | 34.9% | <u>3,074</u>  | 33.2% |
| Total       | <u>8,842</u>  |       | <u>8,746</u>  |       | <u>8,533</u>  |       | <u>8,805</u>  |       | <u>9,113</u>  |       | <u>9,113</u>  |       | <u>9,436</u>  |       | <u>9,228</u>  |       | <u>9,266</u>  |       |
| WSC         |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 8,395         | 95.4% | 7,617         | 93.6% | 7,813         | 94.1% | 8,163         | 95.2% | 8,970         | 94.8% | 8,345         | 94.6% | 8,207         | 93.9% | 8,190         | 91.8% | 8,834         | 91.3% |
| Nonresident | <u>406</u>    | 4.6%  | <u>525</u>    | 6.4%  | <u>490</u>    | 5.9%  | <u>411</u>    | 4.8%  | <u>488</u>    | 5.2%  | <u>473</u>    | 5.4%  | <u>534</u>    | 6.1%  | <u>730</u>    | 8.2%  | <u>840</u>    | 8.7%  |
| Total       | <u>8,801</u>  |       | <u>8,142</u>  |       | <u>8,303</u>  |       | <u>8,574</u>  |       | <u>9,458</u>  |       | <u>8,818</u>  |       | <u>8,741</u>  |       | <u>8,920</u>  |       | <u>9,674</u>  |       |
| SUSC        |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 1,571         | 81.5% | 1,461         | 81.7% | 1,288         | 79.5% | 1,473         | 79.2% | 1,505         | 79.9% | 1,580         | 82.6% | 1,518         | 80.6% | 1,464         | 81.4% | 1,651         | 84.0% |
| Nonresident | <u>356</u>    | 18.5% | <u>328</u>    | 18.3% | <u>332</u>    | 20.5% | <u>387</u>    | 20.8% | <u>378</u>    | 20.1% | <u>332</u>    | 17.4% | <u>366</u>    | 19.4% | <u>334</u>    | 18.6% | <u>315</u>    | 16.0% |
| Total       | <u>1,927</u>  |       | <u>1,789</u>  |       | <u>1,620</u>  |       | <u>1,860</u>  |       | <u>1,883</u>  |       | <u>1,912</u>  |       | <u>1,884</u>  |       | <u>1,798</u>  |       | <u>1,966</u>  |       |
| Snow        |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 714           | 88.9% | 619           | 89.3% | 697           | 91.8% | 760           | 89.7% | 789           | 88.0% | 804           | 85.2% | 857           | 85.0% | 842           | 85.7% | 946           | 83.9% |
| Nonresident | <u>89</u>     | 11.1% | <u>74</u>     | 10.7% | <u>62</u>     | 8.2%  | <u>87</u>     | 10.3% | <u>108</u>    | 12.0% | <u>140</u>    | 14.8% | <u>151</u>    | 15.0% | <u>141</u>    | 14.3% | <u>181</u>    | 16.1% |
| Total       | <u>803</u>    |       | <u>693</u>    |       | <u>759</u>    |       | <u>847</u>    |       | <u>897</u>    |       | <u>944</u>    |       | <u>1,008</u>  |       | <u>983</u>    |       | <u>1,127</u>  |       |
| Dixie       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 850           | 73.9% | 963           | 78.9% | 889           | 79.0% | 984           | 81.8% | 919           | 78.3% | 1,059         | 78.9% | 1,096         | 78.7% | 1,162         | 78.8% | 1,364         | 85.8% |
| Nonresident | <u>300</u>    | 26.1% | <u>257</u>    | 21.1% | <u>237</u>    | 21.0% | <u>219</u>    | 18.2% | <u>255</u>    | 21.7% | <u>284</u>    | 21.1% | <u>296</u>    | 21.3% | <u>312</u>    | 21.2% | <u>225</u>    | 14.2% |
| Total       | <u>1,150</u>  |       | <u>1,220</u>  |       | <u>1,126</u>  |       | <u>1,203</u>  |       | <u>1,174</u>  |       | <u>1,343</u>  |       | <u>1,392</u>  |       | <u>1,474</u>  |       | <u>1,589</u>  |       |
| CEU         |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 559           | 92.5% | 534           | 96.2% | 608           | 96.1% | 587           | 93.8% | 502           | 90.9% | 629           | 95.3% | 880           | 95.8% | 938           | 96.8% | 803           | 94.4% |
| Nonresident | <u>45</u>     | 7.5%  | <u>21</u>     | 3.8%  | <u>25</u>     | 3.9%  | <u>39</u>     | 6.2%  | <u>50</u>     | 9.1%  | <u>31</u>     | 4.7%  | <u>39</u>     | 4.2%  | <u>31</u>     | 3.2%  | <u>48</u>     | 5.6%  |
| Total       | <u>604</u>    |       | <u>555</u>    |       | <u>633</u>    |       | <u>626</u>    |       | <u>552</u>    |       | <u>660</u>    |       | <u>919</u>    |       | <u>969</u>    |       | <u>851</u>    |       |
| UTC/P       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 2,231         | 95.5% | 2,558         | 94.7% | 2,569         | 93.1% | 2,876         | 93.7% | 3,131         | 91.2% | 3,456         | 89.0% | 3,398         | 89.6% | 3,473         | 87.0% | 3,520         | 85.2% |
| Nonresident | <u>105</u>    | 4.5%  | <u>142</u>    | 5.3%  | <u>191</u>    | 6.9%  | <u>193</u>    | 6.3%  | <u>303</u>    | 8.8%  | <u>425</u>    | 11.0% | <u>517</u>    | 10.4% | <u>517</u>    | 13.0% | <u>610</u>    | 14.8% |
| Total       | <u>2,336</u>  |       | <u>2,700</u>  |       | <u>2,760</u>  |       | <u>3,069</u>  |       | <u>3,434</u>  |       | <u>3,881</u>  |       | <u>3,915</u>  |       | <u>3,990</u>  |       | <u>4,130</u>  |       |
| UTC/SL      |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 4,180         | 99.6% | 4,275         | 98.5% | 4,639         | 98.0% | 5,552         | 98.4% | 5,964         | 98.6% | 6,043         | 98.1% | 6,331         | 98.0% | 6,334         | 97.6% | 5,722         | 97.8% |
| Nonresident | <u>18</u>     | 0.4%  | <u>66</u>     | 1.5%  | <u>95</u>     | 2.0%  | <u>92</u>     | 1.6%  | <u>83</u>     | 1.4%  | <u>115</u>    | 1.9%  | <u>132</u>    | 2.0%  | <u>153</u>    | 2.4%  | <u>126</u>    | 2.2%  |
| Total       | <u>4,198</u>  |       | <u>4,341</u>  |       | <u>4,734</u>  |       | <u>5,644</u>  |       | <u>6,047</u>  |       | <u>6,158</u>  |       | <u>6,463</u>  |       | <u>6,487</u>  |       | <u>5,848</u>  |       |
| USHE        |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |               |       |
| Resident    | 43,234        | 86.4% | 41,740        | 85.1% | 41,500        | 84.5% | 44,047        | 84.7% | 46,602        | 85.1% | 45,805        | 84.7% | 46,694        | 84.7% | 46,508        | 84.7% | 47,774        | 85.2% |
| Nonresident | <u>6,785</u>  | 13.6% | <u>7,321</u>  | 14.9% | <u>7,626</u>  | 15.5% | <u>7,945</u>  | 15.3% | <u>8,136</u>  | 14.9% | <u>8,289</u>  | 15.3% | <u>8,429</u>  | 15.3% | <u>8,386</u>  | 15.3% | <u>8,280</u>  | 14.8% |
| Total       | <u>50,019</u> |       | <u>49,061</u> |       | <u>49,126</u> |       | <u>51,992</u> |       | <u>54,738</u> |       | <u>54,094</u> |       | <u>55,123</u> |       | <u>54,894</u> |       | <u>56,054</u> |       |

Note: All data is extended day for all years.

Source: USHE Enrollment Reports.

**TABLE 4**  
**Utah System of Higher Education**  
**A Comparison of Autumn Headcount Enrollments**  
**by Student Level and Residency, 1978 and 1979**

|             | Entering Freshmen <sup>a</sup> |        |         | Advanced Freshmen |        |         | Sophomores |       |         | Juniors |       |         | Seniors |       |         | Graduates |       |        | Unclassified <sup>b</sup> |      |          | Totals |        |         |
|-------------|--------------------------------|--------|---------|-------------------|--------|---------|------------|-------|---------|---------|-------|---------|---------|-------|---------|-----------|-------|--------|---------------------------|------|----------|--------|--------|---------|
|             | %                              |        |         | %                 |        |         | %          |       |         | %       |       |         | %       |       |         | %         |       |        | %                         |      |          | %      |        |         |
|             | 1978                           | 1979   | Change  | 1978              | 1979   | Change  | 1978       | 1979  | Change  | 1978    | 1979  | Change  | 1978    | 1979  | Change  | 1978      | 1979  | Change | 1978                      | 1979 | Change   | 1978   | 1979   | Change  |
| U of U      |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 3,358                          | 2,446  | 3.7%    | 3,502             | 3,663  | 4.6%    | 2,848      | 2,924 | 2.7%    | 2,607   | 2,650 | 1.6%    | 3,411   | 3,507 | 2.8%    | 3,352     | 3,267 | (2.5%) | 22                        | 285  | 1,195.5% | 18,101 | 18,742 | 3.5%    |
| Nonresident | 671                            | 534    | 13.4%   | 382               | 318    | (17.0%) | 510        | 442   | (13.3%) | 368     | 361   | (1.9%)  | 363     | 317   | (12.7%) | 848       | 871   | 2.7%   | 1                         | 18   | 1,700.0% | 2,945  | 2,861  | (2.8%)  |
| Total       | 2,830                          | 2,980  | 5.3%    | 3,882             | 3,981  | 2.5%    | 3,358      | 3,366 | 0.2%    | 2,975   | 3,011 | 1.2%    | 3,774   | 3,824 | 1.3%    | 4,200     | 4,138 | (1.5%) | 23                        | 303  | 1,217.4% | 21,045 | 21,603 | 2.7%    |
| USU         |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 1,418                          | 1,567  | 10.5%   | 694               | 693    | (0.1%)  | 987        | 1,077 | 9.1%    | 996     | 947   | (0.9%)  | 1,244   | 1,244 | 0.0%    | 645       | 607   | (5.9%) | 60                        | 57   | (5.0%)   | 6,004  | 6,192  | 3.1%    |
| Nonresident | 518                            | 538    | 3.9%    | 277               | 249    | (10.1%) | 569        | 497   | (12.7%) | 511     | 468   | (8.4%)  | 557     | 579   | 3.9%    | 682       | 637   | (6.7%) | 109                       | 106  | (2.8%)   | 3,224  | 3,074  | (4.7%)  |
| Total       | 1,936                          | 2,105  | 8.7%    | 971               | 942    | (3.0%)  | 1,556      | 1,574 | 1.2%    | 1,467   | 1,415 | (3.5%)  | 1,801   | 1,823 | 1.2%    | 1,328     | 1,244 | (6.3%) | 169                       | 163  | (3.6%)   | 9,228  | 9,266  | 0.4%    |
| WSC         |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 1,588                          | 1,898  | 19.5%   | 1,963             | 2,102  | 7.1%    | 1,594      | 1,681 | 5.5%    | 1,298   | 1,222 | (5.9%)  | 1,665   | 1,822 | 9.4%    | 82        | 106   | 29.3%  | --                        | --   | --       | 8,190  | 8,831  | 7.8%    |
| Nonresident | 205                            | 200    | (2.4%)  | 197               | 212    | 7.6%    | 143        | 204   | 42.7%   | 109     | 130   | 19.3%   | 76      | 97    | 27.6%   | --        | --    | --     | --                        | --   | --       | 730    | 843    | 15.2%   |
| Total       | 1,793                          | 2,098  | 17.0%   | 2,160             | 2,314  | 7.1%    | 1,737      | 1,885 | 8.5%    | 1,407   | 1,352 | (3.9%)  | 1,741   | 1,919 | 10.2%   | 82        | 106   | 29.3%  | --                        | --   | --       | 8,920  | 9,674  | 8.5%    |
| SUSC        |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 395                            | 475    | 20.3%   | 260               | 334    | 28.5%   | 280        | 283   | 1.1%    | 238     | 234   | (1.7%)  | 291     | 325   | 12.0%   | --        | --    | --     | --                        | --   | --       | 1,464  | 1,651  | 12.8%   |
| Nonresident | 115                            | 128    | 11.3%   | 66                | 71     | 7.6%    | 82         | 52    | (36.6%) | 39      | 35    | (10.3%) | 32      | 29    | (9.4%)  | --        | --    | --     | --                        | --   | --       | 334    | 315    | (5.7%)  |
| Total       | 510                            | 603    | 18.2%   | 326               | 405    | 24.2%   | 362        | 335   | (7.5%)  | 277     | 269   | (2.9%)  | 323     | 354   | 9.6%    | --        | --    | --     | --                        | --   | --       | 1,798  | 1,966  | 9.3%    |
| Snow        |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 515                            | 556    | 8.0%    | 164               | 145    | (11.6%) | 163        | 245   | 50.3%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 842    | 946    | 12.4%   |
| Nonresident | 86                             | 123    | 43.0%   | 30                | 36     | 20.0%   | 23         | 22    | (4.3%)  | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 141    | 181    | 28.4%   |
| Total       | 601                            | 679    | 13.0%   | 194               | 181    | (6.7%)  | 186        | 267   | 42.0%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 983    | 1,127  | 14.6%   |
| Dixie       |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 698                            | 708    | 1.4%    | 293               | 461    | 57.3%   | 171        | 195   | 14.0%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 1,162  | 1,364  | 17.4%   |
| Nonresident | 191                            | 118    | (38.2%) | 84                | 63     | (25.0%) | 37         | 44    | 18.9%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 312    | 225    | (27.9%) |
| Total       | 889                            | 826    | (7.1%)  | 377               | 524    | 39.0%   | 208        | 239   | 14.9%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 1,474  | 1,589  | 7.8%    |
| CEU         |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 562                            | 471    | (16.2%) | 254               | 201    | (20.9%) | 122        | 131   | 7.4%    | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 938    | 803    | (14.4%) |
| Nonresident | 18                             | 33     | 83.3%   | 6                 | 5      | (16.7%) | 7          | 10    | 42.9%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 31     | 48     | 54.8%   |
| Total       | 580                            | 504    | (13.1%) | 260               | 206    | (20.8%) | 129        | 141   | 9.3%    | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 969    | 851    | (12.2%) |
| UTC/P       |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 1,766                          | 1,288  | (27.1%) | 1,158             | 1,551  | 33.9%   | 549        | 681   | 24.0%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 3,473  | 3,520  | 1.4%    |
| Nonresident | 187                            | 218    | 16.6%   | 253               | 244    | (3.6%)  | 77         | 148   | 92.2%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 517    | 610    | 18.0%   |
| Total       | 1,953                          | 1,506  | (22.9%) | 1,411             | 1,795  | 27.2%   | 626        | 829   | 32.4%   | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 3,990  | 4,130  | 3.5%    |
| UTC/SLC     |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 3,207                          | 3,211  | 0.1%    | 2,269             | 1,716  | (24.4%) | 858        | 795   | (7.3%)  | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 6,334  | 5,728  | (9.7%)  |
| Nonresident | 107                            | 82     | (23.4%) | 14                | 14     | 0.0%    | 32         | 30    | (6.2%)  | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 133    | 126    | (5.2%)  |
| Total       | 3,314                          | 3,293  | (0.6%)  | 2,283             | 1,730  | (24.2%) | 890        | 825   | (7.3%)  | --      | --    | --      | --      | --    | --      | --        | --    | --     | --                        | --   | --       | 6,467  | 5,854  | (9.9%)  |
| USHE Totals |                                |        |         |                   |        |         |            |       |         |         |       |         |         |       |         |           |       |        |                           |      |          |        |        |         |
| Resident    | 12,508                         | 12,620 | 0.9%    | 10,557            | 10,866 | 2.9%    | 7,572      | 8,012 | 5.8%    | 5,099   | 5,053 | (0.9%)  | 6,611   | 6,898 | 4.3%    | 4,079     | 3,980 | (2.4%) | 82                        | 342  | 317.1%   | 46,508 | 47,774 | 2.7%    |
| Nonresident | 1,898                          | 1,974  | 4.0%    | 1,110             | 1,212  | (7.3%)  | 1,482      | 1,449 | (2.2%)  | 1,027   | 996   | (3.2%)  | 1,028   | 1,022 | (0.6%)  | 1,531     | 1,508 | (1.5%) | 110                       | 124  | 12.7%    | 8,386  | 8,280  | (1.3%)  |
| Total       | 14,406                         | 14,594 | 1.3%    | 11,667            | 12,078 | 3.5%    | 9,054      | 9,461 | 4.5%    | 6,126   | 6,049 | (1.3%)  | 7,639   | 7,920 | 3.7%    | 5,610     | 5,488 | (2.2%) | 192                       | 466  | 142.7%   | 54,894 | 56,054 | 2.1%    |

<sup>a</sup>Assumes unknown evening students are entering freshmen.

<sup>b</sup>Undergraduates only.

<sup>c</sup>Starting in 1979 Utah Technical College at Salt Lake revised its enrollment reporting procedure to make it comparable to the rest of the system; hence, 1978 and 1979 are not comparable.

Source: USHE Autumn Enrollment Reports.

**TABLE 7**  
**Utah System of Higher Education**  
**Utah Counties Providing Greatest Resident Enrollment Percentage,**  
**Autumn Headcount<sup>1</sup>, 1979-80 by Institution**

**A. Universities**University of Utah

|               |        |        |
|---------------|--------|--------|
| 1. Salt Lake  | 11,782 | 62.8%  |
| 2. Davis      | 1,322  | 7.1%   |
| 3. Weber      | 468    | 2.5%   |
| 4. Utah       | 380    | 2.0%   |
| 5. Tooele     | 144    | 0.8%   |
| 6. Box Elder  | 112    | 0.6%   |
| 7. All Others | 4,534  | 24.2%  |
| Total         | 18,742 | 100.0% |

Utah State University

|               |       |        |
|---------------|-------|--------|
| 1. Cache      | 2,590 | 41.8%  |
| 2. Salt Lake  | 1,057 | 17.1%  |
| 3. Davis      | 476   | 7.7%   |
| 4. Box Elder  | 464   | 7.5%   |
| 5. Weber      | 378   | 6.1%   |
| 6. Utah       | 347   | 5.6%   |
| 7. All Others | 880   | 14.2%  |
| Total         | 6,192 | 100.0% |

**B. Four-year Colleges**Weber State College

|               |       |        |
|---------------|-------|--------|
| 1. Weber      | 5,285 | 60.6%  |
| 2. Davis      | 2,161 | 24.8%  |
| 3. Box Elder  | 319   | 3.6%   |
| 4. Salt Lake  | 385   | 4.4%   |
| 5. Morgan     | 120   | 1.4%   |
| 6. Cache      | 72    | 0.8%   |
| 7. All Others | 383   | 4.4%   |
| Total         | 8,725 | 100.0% |

**C. Two-year Colleges**Snow College

|               |     |        |
|---------------|-----|--------|
| 1. Sanpete    | 283 | 29.9%  |
| 2. Salt Lake  | 181 | 19.1%  |
| 3. Utah       | 135 | 14.3%  |
| 4. Sevier     | 97  | 10.3%  |
| 5. Davis      | 42  | 4.4%   |
| 6. Millard    | 22  | 2.3%   |
| 7. All Others | 186 | 19.7%  |
| Total         | 946 | 100.0% |

Dixie College

|               |       |        |
|---------------|-------|--------|
| 1. Washington | 847   | 62.1%  |
| 2. Emery      | 136   | 10.0%  |
| 3. Utah       | 97    | 7.1%   |
| 4. Davis      | 65    | 4.7%   |
| 5. Weber      | 27    | 2.0%   |
| 6. Sevier     | 20    | 1.5%   |
| 7. All Others | 172   | 12.6%  |
| Total         | 1,364 | 100.0% |

Southern Utah State

|               |       |        |
|---------------|-------|--------|
| 1. Iron       | 719   | 43.5%  |
| 2. Salt Lake  | 209   | 12.6%  |
| 3. Utah       | 110   | 6.7%   |
| 4. Washington | 105   | 6.4%   |
| 5. Sevier     | 89    | 5.4%   |
| 6. Garfield   | 64    | 3.9%   |
| 7. All Others | 355   | 21.5%  |
| Total         | 1,651 | 100.0% |

**D. Vocational-Technical Colleges**Utah Technical College/Provo

|               |       |        |
|---------------|-------|--------|
| 1. Utah       | 2,875 | 81.7%  |
| 2. Salt Lake  | 127   | 3.6%   |
| 3. Wasatch    | 64    | 1.8%   |
| 4. Millard    | 52    | 1.5%   |
| 5. Juab       | 37    | 1.0%   |
| 6. Duchesne   | 32    | 0.9%   |
| 7. All Others | 333   | 9.5%   |
| Total         | 3,520 | 100.0% |

Utah Technical College/Salt Lake

|               |       |        |
|---------------|-------|--------|
| 1. Salt Lake  | 4,979 | 87.0%  |
| 2. Davis      | 335   | 5.9%   |
| 3. Tooele     | 149   | 2.6%   |
| 4. Utah       | 65    | 1.1%   |
| 5. Weber      | 44    | 0.8%   |
| 6. Summit     | 20    | 0.3%   |
| 7. All Others | 130   | 2.3%   |
| Total         | 5,722 | 100.0% |

College of Eastern Utah

|               |     |        |
|---------------|-----|--------|
| 1. Carbon     | 534 | 66.5%  |
| 2. Emery      | 93  | 11.6%  |
| 3. Salt Lake  | 69  | 8.6%   |
| 4. Grand      | 18  | 2.2%   |
| 5. Utah       | 15  | 1.9%   |
| 6. Weber      | 15  | 1.9%   |
| 7. All Others | 59  | 7.3%   |
| Total         | 803 | 100.0% |

<sup>1</sup>Extended day.

Note: Utah students of undetermined residence are included in "all other."  
 Source: Autumn Enrollment Reports.

**TABLE 8**  
**Utah System of Higher Education**  
**States and Foreign Countries Providing the Largest Number of Nonresident Students,**  
**by Institution, Autumn Headcount, 1979-80**

| Place of Residence             | U of U <sup>1</sup> |        | USU   |        | WSC   |        | SUSC  |        | Snow  |        | Dixie |        | CEU |        | UTC/P |        | UTC/SL |        | USHE   |        |
|--------------------------------|---------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-----|--------|-------|--------|--------|--------|--------|--------|
|                                | No.                 | %      | No.   | %      | No.   | %      | No.   | %      | No.   | %      | No.   | %      | No. | %      | No.   | %      | No.    | %      | No.    | %      |
| <b>I. Nonresident Students</b> |                     |        |       |        |       |        |       |        |       |        |       |        |     |        |       |        |        |        |        |        |
| <b>A. United States</b>        |                     |        |       |        |       |        |       |        |       |        |       |        |     |        |       |        |        |        |        |        |
| 1. California                  | 446                 | 19.1%  | 338   | 15.3%  | 118   | 24.9%  | 58    | 20.0%  | 27    | 17.6%  | 40    | 23.5%  | --  | --     | 117   | 22.7%  | 6      | 6.5%   | 1,150  | 18.3%  |
| 2. Idaho                       | 154                 | 6.6%   | 391   | 17.7%  | 27    | 5.7%   | 9     | 3.1%   | 13    | 8.4%   | 5     | 2.9%   | 2   | 5.9%   | 55    | 10.7%  | 11     | 11.8%  | 667    | 10.6%  |
| 3. Nevada                      | 67                  | 2.9%   | 80    | 3.6%   | 21    | 4.4%   | 145   | 50.0%  | 20    | 13.0%  | 59    | 34.7%  | 1   | 2.9%   | 44    | 8.6%   | 21     | 22.6%  | 458    | 7.3%   |
| 4. Illinois                    | 170                 | 7.3%   | 143   | 6.5%   | 8     | 1.7%   | 3     | 1.0%   | --    | --     | 2     | 1.2%   | 1   | 2.9%   | 2     | 0.4%   | 2      | 2.2%   | 331    | 5.3%   |
| 5. Wyoming                     | 96                  | 4.1%   | 95    | 4.3%   | 59    | 12.5%  | 17    | 3.6%   | 7     | 4.5%   | 2     | 1.2%   | 2   | 5.9%   | 23    | 4.5%   | 7      | 7.5%   | 292    | 4.7%   |
| 6. New York                    | 117                 | 5.0%   | 128   | 5.8%   | 17    | 3.6%   | 6     | 2.1%   | 6     | 3.9%   | 1     | 0.6%   | --  | --     | 7     | 1.4%   | --     | --     | 282    | 4.5%   |
| 7. Colorado                    | 122                 | 5.2%   | 84    | 3.8%   | 12    | 2.5%   | 2     | 0.7%   | 23    | 14.9%  | 3     | 1.8%   | 5   | 14.7%  | 16    | 3.1%   | --     | --     | 267    | 4.3%   |
| 8. Arizona                     | 27                  | 1.2%   | 21    | 1.0%   | 27    | 5.7%   | 26    | 9.0%   | 16    | 10.5%  | 29    | 17.1%  | 1   | 2.9%   | 61    | 11.9%  | 25     | 26.9%  | 233    | 3.7%   |
| 9. New Jersey                  | 60                  | 2.6%   | 75    | 3.4%   | 5     | 1.1%   | 2     | 0.7%   | 8     | 5.2%   | 1     | 0.6%   | 1   | 2.9%   | 6     | 1.2%   | 1      | 1.1%   | 159    | 2.5%   |
| 10. Pennsylvania               | 63                  | 2.7%   | 62    | 2.8%   | 8     | 1.7%   | --    | --     | 3     | 1.9%   | 1     | 0.6%   | 1   | 2.9%   | 8     | 1.6%   | --     | --     | 146    | 2.3%   |
| 11. Michigan                   | 61                  | 2.6%   | 46    | 2.1%   | 6     | 1.3%   | 1     | 0.3%   | 1     | 0.6%   | 1     | 0.6%   | 12  | 35.4%  | 8     | 1.6%   | --     | --     | 136    | 2.2%   |
| 12. Washington                 | 53                  | 2.3%   | 34    | 1.5%   | 23    | 4.9%   | 2     | 0.7%   | 2     | 1.3%   | --    | --     | 1   | 2.9%   | 21    | 4.1%   | --     | --     | 136    | 2.2%   |
| 13. All Other                  | 896                 | 38.4%  | 709   | 32.2%  | 142   | 30.0%  | 35    | 12.1%  | 28    | 18.2%  | 28    | 15.2%  | 7   | 20.7%  | 145   | 28.2%  | 20     | 21.4%  | 2,008  | 32.1%  |
| Total U. S.                    | 2,332               | 100.0% | 2,206 | 100.0% | 473   | 100.0% | 290   | 100.0% | 154   | 100.0% | 170   | 100.0% | 34  | 100.0% | 513   | 100.0% | 93     | 100.0% | 6,265  | 100.0% |
| <b>B. Foreign</b>              |                     |        |       |        |       |        |       |        |       |        |       |        |     |        |       |        |        |        |        |        |
| 1. Iran                        | 138                 | 26.1%  | 257   | 29.6%  | 181   | 49.3%  | 8     | 32.0%  | 10    | 37.0%  | 21    | 38.3%  | 6   | 42.9%  | 6     | 6.2%   | 11     | 33.3%  | 638    | 31.7%  |
| 2. Taiwan                      | 83                  | 15.6%  | 79    | 9.1%   | --    | --     | --    | --     | --    | --     | --    | --     | --  | --     | 1     | 1.0%   | 1      | 3.0%   | 164    | 8.1%   |
| 3. Japan                       | 11                  | 2.1%   | 75    | 8.6%   | 13    | 3.5%   | 3     | 12.0%  | 5     | 18.6%  | 18    | 32.7%  | 1   | 7.1%   | 5     | 5.2%   | 4      | 12.2%  | 135    | 6.7%   |
| 4. Saudi Arabia                | 4                   | 0.8%   | 48    | 5.5%   | 59    | 16.1%  | --    | --     | --    | --     | --    | --     | --  | --     | --    | --     | --     | --     | 111    | 5.5%   |
| 5. Canada                      | 21                  | 4.0%   | 29    | 3.3%   | 10    | 2.7%   | 2     | 8.0%   | 3     | 11.1%  | 2     | 3.6%   | --  | --     | 19    | 19.6%  | 1      | 3.0%   | 87     | 4.3%   |
| 6. Hong Kong                   | 29                  | 5.5%   | 26    | 3.0%   | 4     | 1.1%   | --    | --     | --    | --     | --    | --     | 1   | 7.1%   | 2     | 2.1%   | --     | --     | 62     | 3.1%   |
| 7. Nigeria                     | --                  | --     | 60    | 6.9%   | --    | --     | --    | --     | --    | --     | --    | --     | --  | --     | --    | --     | --     | --     | 60     | 3.0%   |
| 8. Venezuela                   | 7                   | 1.3%   | 37    | 4.3%   | 1     | 0.3%   | --    | --     | --    | --     | 1     | 1.8%   | --  | --     | 3     | 3.1%   | 1      | 3.0%   | 50     | 2.5%   |
| 9. India                       | 30                  | 5.7%   | 16    | 1.8%   | 1     | 0.3%   | --    | --     | --    | --     | --    | --     | --  | --     | --    | --     | --     | --     | 47     | 2.3%   |
| 10. Korea                      | 18                  | 3.4%   | 25    | 2.9%   | 3     | 0.8%   | --    | --     | --    | --     | --    | --     | --  | --     | --    | --     | --     | --     | 46     | 2.3%   |
| 11. Bolivia                    | 6                   | 1.1%   | 28    | 3.2%   | 1     | 0.3%   | --    | --     | 1     | 3.7%   | 1     | 1.8%   | --  | --     | 5     | 5.2%   | --     | --     | 42     | 2.1%   |
| 12. Thailand                   | 11                  | 2.1%   | 12    | 1.4%   | 8     | 2.2%   | --    | --     | 1     | 3.7%   | 1     | 1.8%   | --  | --     | 1     | 1.0%   | --     | --     | 34     | 1.7%   |
| 13. New Zealand                | 4                   | 0.8%   | 4     | 0.5%   | 22    | 6.0%   | --    | --     | --    | --     | --    | --     | --  | --     | 1     | 1.0%   | --     | --     | 31     | 1.5%   |
| 14. All Other                  | 167                 | 31.5%  | 172   | 19.9%  | 64    | 17.3%  | 12    | 48.0%  | 7     | 25.9%  | 11    | 20.0%  | 6   | 42.9%  | 54    | 55.6%  | 15     | 45.5%  | 508    | 25.2%  |
| Total Foreign                  | 529                 | 100.0% | 868   | 100.0% | 367   | 100.0% | 25    | 100.0% | 27    | 100.0% | 55    | 100.0% | 14  | 100.0% | 97    | 100.0% | 33     | 100.0% | 2,015  | 100.0% |
| Total Nonres.                  | 2,861               | 13.2%  | 3,074 | 33.2%  | 840   | 8.7%   | 315   | 16.0%  | 181   | 16.1%  | 225   | 14.2%  | 48  | 5.6%   | 610   | 14.8%  | 126    | 2.2%   | 8,280  | 14.8%  |
| <b>II. Utah Residents</b>      |                     |        |       |        |       |        |       |        |       |        |       |        |     |        |       |        |        |        |        |        |
|                                | 18,742              | 86.8%  | 6,192 | 66.8%  | 8,834 | 91.3%  | 1,651 | 84.0%  | 946   | 83.9%  | 1,364 | 85.8%  | 803 | 94.4%  | 3,520 | 85.2%  | 5,722  | 97.8%  | 47,774 | 85.2%  |
| Total Enrollment               | 21,603              | 100.0% | 9,266 | 100.0% | 9,674 | 100.0% | 1,966 | 100.0% | 1,127 | 100.0% | 1,589 | 100.0% | 851 | 100.0% | 4,130 | 100.0% | 5,848  | 100.0% | 56,054 | 100.0% |

<sup>1</sup>Excludes medical students.

<sup>2</sup>Including unknown nonresidents.

Source: Autumn Enrollment Reports, 1979.

**TABLE 10**  
**Utah System of Higher Education**  
**Percentages of Veteran Student Enrollees and Graduates<sup>a</sup>**  
**1979-80**

| <u>Institutions</u>                              | <u>No. Veteran<br/>Students<br/>Enrolled</u> | <u>Percentage<br/>of Total<br/>Enrollment</u> | <u>No. Veteran<br/>Students<br/>Graduated</u> | <u>Percentage<br/>of Total<br/>Graduation</u> |
|--------------------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| <u>Total for V.A.-approved Institutions</u>      | 5,850                                        | 6.17%                                         | 1,264                                         | 6.15%                                         |
| <u>Public Universities and Colleges</u>          | 4,268                                        | 7.61%                                         | 714                                           | 7.19%                                         |
| University of Utah                               | 1,000                                        | 4.63%                                         | 180                                           | 4.82%                                         |
| Utah State University                            | 383                                          | 4.13%                                         | 79                                            | 4.17%                                         |
| Weber State College                              | 1,589                                        | 16.43%                                        | 183                                           | 13.15%                                        |
| Southern Utah State College                      | 101                                          | 5.14%                                         | 13                                            | 4.24%                                         |
| Snow College                                     | 6                                            | 0.53%                                         | 3                                             | 0.75%                                         |
| Dixie College                                    | 33                                           | 2.08%                                         | 2                                             | 0.91%                                         |
| College of Eastern Utah                          | 41                                           | 4.82%                                         | 5                                             | 3.91%                                         |
| Utah Technical College at Provo                  | 335                                          | 8.11%                                         | 47                                            | 9.57%                                         |
| Utah Technical College at Salt Lake              | 780                                          | 13.34%                                        | 202                                           | 15.02%                                        |
| <u>Private University and Colleges</u>           | 1,160                                        | 4.06%                                         | 338                                           | 5.11%                                         |
| Brigham Young University                         | 990                                          | 3.86%                                         | 307                                           | 5.07%                                         |
| Westminster College                              | 50                                           | 1.91%                                         | 13                                            | 4.94%                                         |
| LDS Business College                             | 60                                           | 5.06%                                         | 7                                             | 4.40%                                         |
| Stevens Henager College/Ogden                    | 36                                           | 16.00%                                        | 10                                            | 13.89%                                        |
| Stevens Henager College/Provo                    | 12                                           | 3.67%                                         | --                                            | --                                            |
| Columbia College                                 | 12                                           | 17.14%                                        | 1                                             | 6.67%                                         |
| <u>Adult Public High School Diploma Programs</u> | 19                                           | 0.65%                                         | 5                                             | 0.64%                                         |
| Alpine School District                           | 1                                            | 0.95%                                         | --                                            | --                                            |
| Granite School District                          | 2                                            | 0.10%                                         | 1                                             | 0.20%                                         |
| Ogden City School District                       | 3                                            | 1.51%                                         | 1                                             | 0.71%                                         |
| South Park Academy                               | 13                                           | 4.06%                                         | 3                                             | 8.11%                                         |
| <u>Public and Proprietary Vocational Schools</u> | 403                                          | 5.51%                                         | 207                                           | 6.44%                                         |
| Aviation Schools                                 | 103                                          | 35.27%                                        | 32                                            | 15.17%                                        |
| Barber and Cosmetology Schools                   | 15                                           | 1.86%                                         | 8                                             | 1.95%                                         |
| Medical and Dental Schools                       | 35                                           | 5.01%                                         | 19                                            | 8.64%                                         |
| Trade and Technical Schools                      | 250                                          | 4.54%                                         | 148                                           | 6.23%                                         |

<sup>a</sup>These figures were calculated on total year headcount numbers.

Sources: Autumn Enrollment Reports, 1979-80; HEGIS Reports, 1979-80; and Institutional Reports of Veteran Students, 1979-80.



## *VI. Capital Facilities and Campus Planning*



Establishing capital facilities  
priorities is a major task of  
the Regents





The Regents Task Force on Capital Facilities, appointed in April of 1979 to prepare guidelines for planning and utilization of capital facilities in the Utah System of Higher Education, submitted its report in May 1980. The report contained 55 recommendations. The adopted guidelines are an important contribution in our efforts to assure the taxpayers of Utah a high return on their investment in capital facilities on our campuses.

Members of the Task Force who contributed much time and effort to this study are: Chairman Robert M. Worthington, Associate Commissioner and Director of Vocational/Technical Education and Capital Facilities; Arvo Van Alstyne, University of Utah; W. Boyd Christensen, Utah State University (and Evan N. Stevenson); Jerald T. Storey, Weber State College; Harl E. Judd, Southern Utah State College; Lee R. Thompson, Snow College; Dean M. McDonald, College of Eastern Utah; Roland B. Woolley, Dixie College; LaVar Rockwood, Utah Technical College/Provo; and Paul R. Gundersen, Utah Technical College/Salt Lake. Ex officio members were: Nathan Woolley, William Jones and James Soderberg, State Building Board; Edward J. Peters, Board of Regents; Heber T. Hunt, Office of the Legislative Analyst; and Kent Bishop and Mike Zuhl, State Budget Office.

The Board of Regents reappointed the Task Force to serve as an implementation group for the approved recommendations. The Task Force was directed to give further study and report back on recommendations concerning utilization of facilities, annual space inventory and space audits, and a formula for annual requests in response to institutional repair and replacement needs. Working committees have been established by the Task Force to develop reports as requested by the Regents.

During the weeks of April 7 and 14, all campuses in the state were visited. Campus visitation teams consisted of Regents W. Hughes Brockbank, Kem C. Gardner, Jay Dee Harris, Alex P. Hurtado, Mary D. Lunt, Robert L. Newey, Luke G. Pappas, Cyndi Woodbury and Associate Commissioner Robert M. Worthington; State Building Board members Fred Froerer, Neil Lundberg, Elroy Nelson and Claude Summerhays; and Building Board Staff Nathan Woolley and William Jones. Others assisting were Kent Bishop, Sr. Budget Analyst from the Governor's office and Heber Hunt, Sr. Legislative Analyst.

At each campus the joint visitation team reviewed the capital facilities requests from the institution. Administrators at each loca-

tion pointed up their specific needs and submitted their prepared lists for Alterations, Repairs and Improvements, Necessary Modernization, New Facilities and Land Purchase, OSHA-Code Compliance, Handicapped Access, Roof Repairs, Parking Lot Resealing and Energy Conservation measures.

Knowledge gained during the campus visitations expedited the Regents' annual capital facilities hearings June 17-18 and the final priority list adopted by the Regents July 14, 1980. Following is a summary showing the Capital Facilities Appropriation Requests for 1981 in the Utah System of Higher Education:

## SUMMARY

### 1981 CAPITAL FACILITIES APPROPRIATIONS REQUESTS Utah System of Higher Education

|                                                                         | Amount              | Cumulative  |
|-------------------------------------------------------------------------|---------------------|-------------|
| OSHA (Life Safety) .....                                                | \$1,097,140         | \$1,097,140 |
| Roof Repairs .....                                                      | 480,868             | 1,578,008   |
| Handicapped Access .....                                                | 771,842             | 2,349,850   |
| Reseal Parking Lots .....                                               | 126,290             | 2,476,140   |
| Repairs & Replacements, Modernization<br>(Necessary Improvements) ..... | 7,477,723           | 9,953,863   |
| New Facilities .....                                                    | 47,435,300          | 57,389,163  |
|                                                                         | <b>\$57,389,163</b> |             |
| Skills Center South .....                                               | 15,000              |             |
| Weber State College Skills Center .....                                 | 331,000             |             |
|                                                                         | <b>\$346,000</b>    |             |

### TECHNICAL/VOCATIONAL EDUCATION IN THE UTAH SYSTEM OF HIGHER EDUCATION

During the past year Associate Commissioner Worthington, acting in his capacity of Director of the Technical/Vocational Education in the Utah System of Higher Education called together representatives of each of the campuses whose responsibility is to coordinate and/or direct these programs. In addition to sharing important information on recent national and state developments

in technical/vocational education, the directors have identified problems and issues facing the colleges in the decade of the 1980's in maintaining high quality technical/vocational programs on the campuses. The directors have reviewed carefully the long range planning assumptions developed by the Regents' Committee for the Future and have compiled a listing of critical issues and problems affecting the long range planning of technical/vocational education in the Utah System of Higher Education. Some of the critical issues which need to be addressed are:

### **1. Funds for Financing Technical/Vocational Education**

Studies done by the State Budget Office and by the State Advisory Council on Vocational Education indicate that financing for postsecondary Technical/Vocational education has been inadequate. There is a need to clarify the funding formula and the procedures utilized by the State Board for Vocational Education in procuring and allocating federal funds at the college level. In addition, the potential of formula budgeting at the state level needs to be explored. Many states, for example, fund vocational education on a weighted basis compared to general education — up to 2 to 1.

### **2. Planning Processes for Technical/Vocational Education**

Planning for the future of technical/vocational education in Utah should be a part of the many planning activities now under way. Coordinating planning efforts are needed — encompassing the Committee for the Future, the Governor's Manpower Council, the State Board of Education's Planning Commission, the Agenda for the 80's and the Governor's Blue Ribbon Committee for Vocational Education.

### **3. Image of Vocational Education**

At one time in this country there existed an academic snobishness which relegated vocational education to a lower status in the education system. The continued public support of the Board of Regents and other respected policy making groups is essential to maintain positive attitudes towards this important field. The current trend in vocational education to meet the increasing demands in business and industry would indicate the need of stressing — through a strong public relations program — the contributions made by technical/vocational education.

#### **4. Industry-Education Cooperation**

A technical/vocational education program of high quality demands a close cooperation of employers and educators and this cooperation must be generated and maintained if the Utah System of Higher Education is to keep its programs current with the needs of employers.

#### **5. Meeting the Needs of Industry, Business and Government**

Technical/Vocational education must be sensitive to the needs of industry, business and government in order to develop trained manpower. A close working relationship should exist which would be to the advantage of both education and industry. Education must be kept abreast of current needs of industry through manpower surveys and other avenues of communication to ensure the avoidance of duplication or wasteful training for non-existent jobs.

#### **6. Upgrade Facilities and Equipment**

In many of our colleges the technical education shops and laboratories are utilizing obsolete equipment, some of which was obtained through World War II surplus. A systematic equipment amortization program needs to be planned and implemented to keep equipment up to the standards of contemporary industry. On some of our campuses the facilities in technical/vocational programs are extremely limited and in some cases inadequate for quality instruction.

#### **7. Curriculum for New and Emerging Occupations**

In order to keep our technical/vocational programs current, it is necessary to continuously revise old curricula and develop new curricula that meet the changing demands of modern technology. There is increasing need for development of programs to train Utah students for new and emerging occupations in such fields as synfuels, micro-miniaturization, automation and electronics.

#### **8. Articulation Between Public Education and Higher Education**

Articulation ensures efficient utilization of education resources and student progression. It is important to ensure that students will receive proper credit for acceptable, comparable work

done in various institutions. Students should not be penalized if they choose to move from one level of educational institution to another.

## **9. Better Utilization of Facilities**

It is important to utilize capital facilities on the campuses to meet the threat of tight fiscal policies which face all governmental agencies now and in the future. Space utilization studies indicate that classroom, shop, and laboratory facilities can be more effectively utilized. Long range planning should include incentives for better utilization during afternoon and evening hours.

## **10. Curriculum Update**

A continuous system of manpower needs surveys should be developed in cooperation with appropriate state and local agencies in order to keep technical and vocational education programs current. These programs should be designed as closely as possible to reflect current job opportunities.

## **11. Public Relations and Information**

A strong public relations and information dissemination program to inform students, parents, the general public and employers of the vital role that technical/vocational education plays in our society today is important. Community leaders should be invited to our campuses to advise and contribute their knowledge and resources to expanding the role of technical/vocational education in the system.

## **12. Counseling and Advising — in Tune With the Times**

A strong career counseling, placement and follow-up system for technical/vocational students is needed in the Utah System of Higher Education. Many young people enter college unsure of their career goals and they need an opportunity to explore the many avenues open to them under the guidance of a qualified career counselor. Those leaving the technical/vocational education program deserve the service of a competent placement coordinator who can assist them in locating the best possible position. It is also essential that the Utah System of Higher Education develop a follow-up system to determine accurately the success or failure of students they train for employment.

**13. Role of Skills Centers with Relation to Area Vocational Centers**

There is great concern over the role of area vocational centers in relation to skills centers and area vocational schools. This matter must be clarified in order to avoid expensive duplication of facilities, needless competition for students and wasteful building of duplicate facilities. Eight of our colleges have been designated as "area vocational schools" and could perform the services of an area vocational center.

**14. Input of Community Groups into the System**

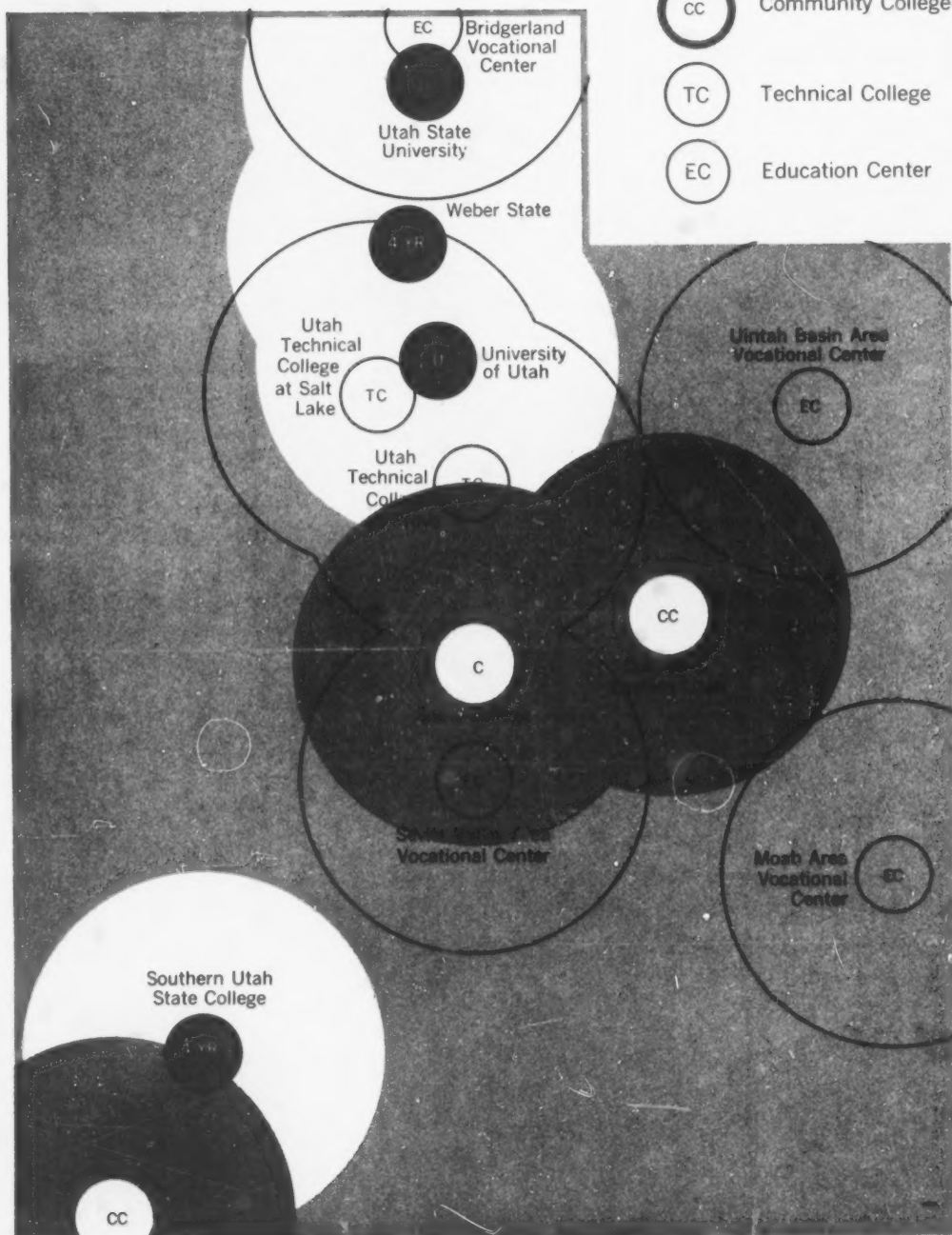
A close working relationship between all community groups with direct input into the technical/vocational education system is important to ensure that the needs of various groups in the state are met. This will improve communications and increase understanding and support of technical/vocational education.

*VII. Profiles of Member  
Institutions*



Utah's Colleges and Universities  
50 Mile Radius of a Higher Education Facility

-  4 Year College
-  University
-  Community College
-  Technical College
-  Education Center



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**TABLE 9**  
**Utah System of Higher Education**  
**Public and Private Veteran Enrollments<sup>a</sup>**  
**1975-76 Through 1979-80**

| Institution                                | 1975-76                        |                                      | 1976-77                        |                                      | 1977-78                        |                                      | 1978-79                        |                                      | 1979-80                                     |                                      |
|--------------------------------------------|--------------------------------|--------------------------------------|--------------------------------|--------------------------------------|--------------------------------|--------------------------------------|--------------------------------|--------------------------------------|---------------------------------------------|--------------------------------------|
|                                            | Number<br>Veterans<br>Enrolled | Percentage<br>of Total<br>Enrollment | Number<br>Veterans<br>Enrolled | Percentage<br>of Total<br>Enrollment | Number<br>Veterans<br>Enrolled | Percentage<br>of Total<br>Enrollment | Number<br>Veterans<br>Enrolled | Percentage<br>of Total<br>Enrollment | Number<br>Veterans <sup>b</sup><br>Enrolled | Percentage<br>of Total<br>Enrollment |
| University of Utah                         | 2,012                          | 9.07%                                | 1,358                          | 6.39%                                | 1,614                          | 7.51%                                | 1,014                          | 4.82%                                | 1,000                                       | 4.63%                                |
| Utah State University                      | 800                            | 8.78                                 | 487                            | 5.34                                 | 542                            | 5.74                                 | 384                            | 4.16                                 | 383                                         | 4.13                                 |
| Weber State College                        | 2,649                          | 28.01                                | 2,108                          | 23.91                                | 1,872                          | 21.42                                | 1,580                          | 17.71                                | 1,589                                       | 16.43                                |
| Southern Utah State College                | 197                            | 10.46                                | 157                            | 8.21                                 | 139                            | 7.38                                 | 75                             | 4.17                                 | 101                                         | 5.14                                 |
| Snow College                               | 34                             | 3.79                                 | 41                             | 4.34                                 | 27                             | 2.68                                 | 11                             | 1.12                                 | 6                                           | .53                                  |
| Dixie College                              | 64                             | 5.45                                 | 51 <sup>c</sup>                | 3.80                                 | 66                             | 4.74                                 | 28                             | 1.90                                 | 33                                          | 2.08                                 |
| College of Eastern Utah                    | 62                             | 11.23                                | 25                             | 3.79                                 | 39                             | 4.24                                 | 26                             | 2.68                                 | 41                                          | 4.82                                 |
| Utah Technical College/Provo               | 560                            | 16.31                                | 247                            | 6.36                                 | 378                            | 9.97                                 | 225                            | 5.64                                 | 335                                         | 8.11                                 |
| Utah Technical College/SLC                 | 1,313                          | 21.71                                | 1,038                          | 16.86                                | 795                            | 12.30                                | 804                            | 12.39                                | 780                                         | 13.34                                |
| <b>Total Public</b>                        | <b>7,691</b>                   | <b>14.05%</b>                        | <b>5,512</b>                   | <b>10.19%</b>                        | <b>5,472</b>                   | <b>9.93%</b>                         | <b>4,147</b>                   | <b>7.56%</b>                         | <b>4,268</b>                                | <b>7.61%</b>                         |
| Brigham Young University                   | 1,548                          | 5.69%                                | 1,236                          | 4.68%                                | 1,131                          | 4.21                                 | 1,055                          | 3.85%                                | 990                                         | 3.68%                                |
| Westminster College                        | 115                            | 10.93                                | 88                             | 7.69                                 | 382                            | 26.09                                | 90                             | 6.29                                 | 50                                          | 1.91                                 |
| LDS Business College <sup>c</sup>          | ---                            | ---                                  | 121 <sup>d</sup>               | 12.12                                | 105                            | 12.44                                | 87                             | 7.13                                 | 60                                          | 5.06                                 |
| Stevens Henager College/Ogden <sup>c</sup> | ---                            | ---                                  | 126                            | 24.37                                | 76                             | 15.42                                | 60                             | 8.97                                 | 36                                          | 16.00                                |
| Stevens Henager College/Provo <sup>e</sup> | ---                            | ---                                  | ---                            | ---                                  | 2                              | 1.11                                 | 8                              | 2.64                                 | 12                                          | 3.67                                 |
| Columbia College                           | ---                            | ---                                  | ---                            | ---                                  | 43                             | 97.73                                | 4                              | 6.90                                 | 12                                          | 17.14                                |
| <b>Total Private</b>                       | <b>1,663</b>                   | <b>5.88%</b>                         | <b>1,571</b>                   | <b>5.4%</b>                          | <b>1,739</b>                   | <b>5.82%</b>                         | <b>1,304</b>                   | <b>4.20%</b>                         | <b>1,160</b>                                | <b>4.06%</b>                         |
| <b>Total--All Schools</b>                  | <b>9,354</b>                   | <b>11.27%</b>                        | <b>7,083</b>                   | <b>8.5%</b>                          | <b>7,211</b>                   | <b>8.48%</b>                         | <b>5,451</b>                   | <b>6.34%</b>                         | <b>5,428</b>                                | <b>6.42%</b>                         |

<sup>a</sup>Autumn Quarter Extended Day, Head County Enrollment

<sup>b</sup>This year's data on public schools taken completely from Autumn Enrollment Reports, 1979-80.

<sup>c</sup>Number of veteran students enrolled prior to 1976-77 academic year not available.

<sup>d</sup>Number of veteran students enrolled winter quarter, 1977.

<sup>e</sup>Did not exist prior to 1977-78 school year.

Sources: Autumn Enrollment Reports 1975-76 through 1979-80, and Institutional Reports of Veteran Students, 1975-76 through 1979-80.

## UNIVERSITY OF UTAH (1850) Salt Lake City

President: David P. Gardner

Administrative Offices: John R. Park Building,  
Salt Lake City, Utah 84112

The University of Utah was chartered in 1850 as the University of Deseret and rechartered in 1894 under the present name. First instruction was offered in 1850 and the first baccalaureate degree was awarded in 1884. The University, with a present enrollment of 18,362 undergraduate students and 4,608 graduate students, offers degree programs through 12 colleges, a graduate school and three graduate professional schools. Sponsored research and training programs were funded to a total of \$47.9 million in 1979-80, one of the highest figures in the nation. An additional \$5 million was granted the University Research Institute. The 1500-acre campus contains 196 permanent buildings and a research park.

### Defined Role

Utah's oldest, established in 1850, the University of Utah serves as a major state university and offers the following degrees: Graduate degrees: Doctor of Philosophy, Education, Medicine, Pharmacy, Social Work; Juris Doctor; Master of Philosophy; Education Specialist; Master of Architecture, Arts, Business Administration, Education, Engineering, Engineering Administration, Fine Arts, Music, Public Administration, Science, Social Work, Statistics, Undergraduate degrees: Bachelor of Arts, Fine Arts, Music Science, University Studies. The University is a primary center of university research and of graduate and professional education in the colleges and degree programs now authorized.

### Divisions

Graduate School of Business, College of Business, Engineering, Fine Arts, Health, Humanities, Law, Medicine, Mines and Mineral Industries, Nursing, Pharmacy, Science, Social and Behavioral Science, Graduate School, Graduate School of Architecture, Graduate School of Education, Graduate School of Social Work, Division of Continuing Education, Utah Museum of Fine Arts, Utah Museum of Natural History and Utah Museum of Naval History.

### Admission

Four quarter system. Freshmen admitted September, January, March and June. Degrees conferred in June.

### Calendar

Freshmen applications may be submitted after completion of the sixth semester of high school. ACT is required for all entering freshmen from high school. Other applications must be submitted by published deadlines which are at least 30 days prior to registration date.

- Fees** Resident: Full-time tuition and fees \$708 per academic year. Non-resident: \$1,911 per academic year. For College of Medicine see current General Catalog. On-campus room and board ranges from approximately \$2,200 for double room to \$2,532 for single room, per nine-month school year. This includes room, seven-day meal service and telephone.
- Student Financial Aid** Some 5,360 scholarships and grants of various kinds are awarded to undergraduates. The University participates in National Direct Student Loans, Supplemental Educational Opportunity Grants and College Work Study programs. All applications for aid based on merit only must be received by February 1 to be considered for the following autumn quarter. Applications for aid based on need must be received at least 30 days prior to the beginning of the quarter for which aid is requested. Financial Aid Form is required from parents of a student dependent. Married and independent students file a student financial statement.
- Special Academic Programs** Early admission and concurrent registration in university courses for qualified high school students; honors program with interdepartmental courses and special seminars; Bachelor of University studies and other self-designed interdisciplinary degree programs; National Student Exchange program allowing sophomores and juniors to study at another university campus in the U.S.; various study abroad programs, summer or academic year.
- Student Life** University residence halls house 1,237 single students; married student housing has 943 apartments (one to three bedrooms), and the Medical Towers have 151 apartments for students in medicine and allied fields. All housing areas have adequate parking facilities for the occupants. The fraternity and sorority system provides accommodations for members of their respective houses. There are twelve fraternities and nine sororities presently active.
- R.O.T.C.** Air Force optional for two years, Army, Navy optional for two or four years.

**UTAH STATE UNIVERSITY (1888) Logan**  
**President: Stanford Cazier**  
**Administrative Offices: Old Main, Logan, Utah 84322**

Chartered as Agricultural College of Utah 1888; first instruction 1890; first baccalaureate 1894. Name changed to Utah State Agricultural College in 1929, to present official name, Utah State University of Agriculture and Applied Science 1957.

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Defined Role</b>              | Utah State University is Utah's land-grant university under state legislation, Congressional enactments of 1862, 1867 and subsequent years. Utah State University is one of two major universities serving the State System of Higher Education. It includes a Division of Extension and Continuing Education and the Utah Agricultural Experiment Station under supporting federal legislation, colleges of Agriculture, Business, Education, Engineering, Family Life, Humanities-Arts-Social Sciences, Natural Resources, and Science, a School of Graduate Studies, a Summer School, a Division of International Studies and Programs. Programs of undergraduate, master's and doctoral instruction and research in these colleges as authorized receive emphasis, together with programs related to agriculture, land, water, forestry, food sciences, the development and maintenance of natural resources. Utah State University is a primary center of university research, of graduate and professional education, in the fields authorized and assigned to it. |
| <b>Calendar</b>                  | Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred in June. Summer session: eight weeks, mid-June to mid-August.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Admission</b>                 | Applications should be submitted at least one month before registration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Fees</b>                      | Resident: Full-time tuition and fees \$234 per quarter or \$702 per school year. Non-resident: Full-time tuition and fees average \$620 per quarter or \$1,860 per year. On-campus room and board averages \$1,600 per school year. Books and supplies about \$250. Married housing available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Student Financial Aids</b>    | Varied scholarships along with the National Direct Student Loan, Educational Opportunity Grant, Basic Opportunity Grant, and Student Work Study programs are offered. Maximum freshman aid is about \$4,500. Applications for scholarships are due February 1, and applications for all other aid are due March 15. Parents Confidential Statement form is required for financial aid, but not for scholarships.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Special Academic Programs</b> | Substantial research programs make an important contribution to the educational effort. They bring to light new knowledge, and at the same time, provide research opportunities for graduate students. In addition, the research effort assists undergraduate education to a major degree, because many undergraduate students are able to participate in research projects with faculty and graduate students.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



The Office of International Programs and Studies facilitates research and development activities in a number of overseas locations. Special programs to provide language training and other development of overseas capabilities are also sponsored. The Intensive English Language Institute assists international students to gain language capability for academic work. There are also opportunities for foreign study by university students.

Internships and cooperative education programs provide students with the opportunity to enrich their job training in connection with academic work.

Utah State provides the student the opportunity to individualize his bachelor's degree. Regular classwork can be combined with CLEP credits, advanced placement, special examination and other experiences in accumulating credits for a degree.

With the completion of the Life-Span Learning Center, supported by a grant from the Kellogg Foundation, already extensive offerings in meetings, conferences, classes, short courses, workshops and other academic programs for credit and non-credit will be further enhanced.

Continuing Education Centers in the Uintah Basin and in South-eastern Utah provide resident instructional programs leading to degrees and teacher certification for residents of those areas. A resident instructional staff is supplemented by a teaching staff brought to the areas from the Logan campus. Many other extension courses are offered at numerous locations throughout the state.

**Degree  
Requirements**

For all bachelor's degrees, minimum 186 quarter units; approved general education courses; 60 upper division units; a professional component of 122 units which includes the major, certification requirements, and all ancillary course work; 2.0 average on 4.0 scale; minimum residents 45 units including 15 of last 60. (See catalog for specific degree requirements.)

**Student  
Life**

The University provides housing facilities for approximately 25 percent of the total student enrollment. Fraternities and sororities are available to students and some of their members are housed in organizational housing. Cars permitted. University sponsors lyceum and concert series, drama and music programs. Logan (population 27,000) is 81 miles north of Salt Lake City, and situated in beautiful Cache Valley (Population 55,000).

**R.O.T.C.**

Army, Air Force; optional 2 or 4 years.

**WEBER STATE COLLEGE (1889) Ogden**  
**President: Rodney H. Brady**  
**Administrative Offices: Ogden, Utah 84408**

Established as Weber Stake Academy by the Church of Jesus Christ of Latter-day Saints 1889, first instruction at college level 1916; became junior college 1923; state institution 1933; four-year college 1963; first baccalaureate 1964. Name changed to Weber Academy 1908, Weber Normal College 1918; Weber College 1923; present name 1963.

**Defined Role** Weber State College serves the System as a large four-year college near the center of state population. It offers undergraduate liberal education in the arts and sciences, authorized professional work in education, business, economics, allied health and technology for trade-technical education, plus an active continuing education program. It also offers a Master of Education degree which is intended to serve primarily in-service teachers from the public schools. The technical education program provides a variety of technical and paraprofessional work leading to baccalaureate degrees. Weber State College serves as a valuable source of professional and graduate students for transfer to the System's universities in Logan and Salt Lake City. Weber State College is also a significant receiving institution, having the capacity to accept undergraduate transfer students from the System's two technical colleges located nearby on the Wasatch Front as well as from the junior colleges and all four-year institutions.

**Calendar** Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred quarterly. Summer quarter of eight weeks, mid-June to mid-August.

**Admission** Applications should be submitted after sixth semester of high school, at least 30 days before registration.

**Fees** Resident: Full-time tuition and fees \$211 per quarter. Non-resident: \$508 per quarter.

**Student Financial Aid** The financial aids available consist of grants, loans, scholarships and opportunities of work. The aid includes Basic Educational Opportunity Grant, Supplemental Educational Opportunity Grant, National Direct Student Loan, Guaranteed Student Loan, College Work-Study, Nursing Loan, State Student Incentive Grant, scholarships, etc. Approximately twenty-five percent of the enrollment receives some type of financial aid. Deadline for scholarships is February 1. Deadline for other programs is September 1 in order



to insure assistance being available to registration time. Later applications are processed on a rolling basis as received. The Financial Aid Form is required.

**Degree  
Requirements**

For bachelor of arts, bachelor of science and bachelor of general studies degrees: 183 quarter credit hours — 17-19 quarter credit hours of specific course requirements; 40 quarter credit hours of general area requirements; 60 upper division credit hours; 40-60 credit hours in major; 20 (minimum) in minor: 2.0 average on a 4.0 scale minimum requirement; resident 45 credit hours including one quarter of senior year. For teacher education: 2.25 average. Associate degrees, institutional diplomas, and institutional certificates are awarded for special programs.

**Student  
Life**

College resident halls house 144 women students in apartment type facilities and 546 men and women in board and room facilities. No facilities on campus for married students. Some 8% of men and 9% of women join seven fraternities and five sororities. Cars permitted. College sponsors convocation series, art shows, drama, operas, musical programs, and many other community programs. Metropolitan Ogden (population 142,000) is 35 miles north of Salt Lake City.

**SOUTHERN UTAH STATE COLLEGE (1897) Cedar City**  
**President: Orville D. Carnahan**  
**Administrative Offices: Cedar City, Utah 84720**

Established as Branch Normal School of University of Utah and first instruction 1897; transferred to Utah State Agricultural College and name changed to Branch Agricultural College of Utah 1913; first baccalaureate awarded 1950; name changed to College of Southern Utah 1953; became independent institution 1965; present name adopted 1969.

**Defined  
Role**

Southern Utah State College provides an educational opportunity within the Utah System of Higher Education for those whose needs are best served in a small, personal four-year college with its residential life and sense of community. The College is authorized to offer courses leading to the baccalaureate degree in the arts and sciences, in teacher education, business and technology. The College offers approved pre-professional programs, certified programs in vocational and technical subjects, and agricultural subjects approved by the Board. It also cooperates with Utah State Univer-

sity in offering a Master of Education degree, serving primarily in-service teachers in the public schools, and a Master of Social Science degree, emphasizing public administration. Opportunities exist in continuing education, also in community service and development commensurate with its approved curriculum and resources.

**Calendar** Quarter system. Regular session late September to early June. Students admitted September, January, March. Degrees conferred in June. Summer session: two 4-week terms, early June to early August.

**Admission** A ten dollar application fee is required. Applications should be submitted before registration. Achievement tests are not required.

**Fees** Resident: Full-time tuition and fees, \$209 per quarter. Non-resident: \$495 per quarter. On-campus room and board from \$1,170 to \$1,320 per year; room only \$510 per year. (\$50 deposit with application.)

**Student Financial Aid** All scholarship applications should be received prior to March 1 to be considered for awards the next autumn. The College participates in the National Direct Student Loans, Supplemental Educational Opportunity Grant, Basic Educational Opportunity Grant and the College Work Study programs. Applications for these programs should be submitted by June 1.

Nearly two-thirds of all undergraduates receive some aid annually. The College Scholarship Service (CSS) Financial Aid form is required.

**Degree Requirements** For degrees: 183 quarter units; 55 units general education; 40-65 units in major, 22-35 in minor, and 62-90 for composite major. Students may earn up to 46 hours of credit or class waivers through a combination of advanced placement programs, CLEP, and other special examinations. See catalog for further details.

**Student Life** Twenty percent of students live in residence halls. There are campus apartments for married couples. Cars permitted. College sponsors annual Utah Shakespearean Festival. Theatre and art shows are jointly sponsored by community and school. Intercollegiate sports: men's and women's basketball and rodeo; men's football, baseball, track, and golf; women's volleyball and softball. Major student activities: student government, theatre, forensics, skiing, religious and social organizations, intermural sports, yearbook, weekly newspaper, and literary magazine.

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Collections</b>      | Museum of Natural History contains examples of archaeological and anthropological history of Southern Utah. Braithwaite Fine Arts Gallery sponsors month-long exhibits of the visual arts, including works from a permanent collection. The Palmer Room of the College Library houses the papers and library of William R. Palmer, noted Utah historian. The Seymour Room of the College Library contains authentic Victorian furniture and valuable collections in opera, drama, literature, languages, and the humanities. |
| <b>Special Features</b> | The Ashcroft Observatory houses a 14-inch reflecting, tracking telescope; open to the public and available for research by appointment.                                                                                                                                                                                                                                                                                                                                                                                      |

**DIXIE COLLEGE (1911) St. George**  
**President: Alton L. Wade**  
**Administrative Offices: St. George, Utah 84770**

Established 1911 as a four-year high school by the Church of Jesus Christ of Latter-day Saints; junior college instruction added in 1916. The state assumed control in 1933. In 1963 the college separated from the high school and moved to its present 74-acre campus.

|                              |                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Defined Role</b>          | Dixie College is a rural comprehensive community college and accepts as its mission the responsibility to provide: (1) programs designed to prepare students to transfer to other senior level colleges and universities, (2) terminal occupational education programs, (3) continuing education programs, and (4) programs designed to provide special community services. |
| <b>Calendar</b>              | Quarter system. Regular session late September to early June. Freshmen register September, January, and March. Degrees conferred in June. Summer session.                                                                                                                                                                                                                   |
| <b>Admission</b>             | Open-door admission policy. No application fee required. Applications accepted up to the day of registration.                                                                                                                                                                                                                                                               |
| <b>Fees</b>                  | Resident: Full-time tuition and fees \$552 per academic school year. Non-resident: Full-time tuition and fees \$1,269 per academic school year. On-campus room and board approximately \$1,355 per year. Married student housing available.                                                                                                                                 |
| <b>Student Financial Aid</b> | Scholarship deadline is March 1. Students should have a 3.5 grade point average to apply for available academic scholarships. Some departmental scholarships available in Music, Art, Drama, Speech,                                                                                                                                                                        |

Journalism and other programs. National Direct Student Loans, Basic Educational Opportunity Grants, Supplemental Educational Opportunity Grant, State Student Incentive Grant, and Work-Study Programs require the Parents Confidential Statement or Financial Aid Form.

**Degree  
Requirements**

Ninety-six quarter hours, 2.0 average on 4.0 scale is required. To qualify for graduation, the student must successfully complete at least nine hours of credit in each of the following divisions: Life, Physical and Social Sciences, and Humanities, as well as complete the Freshman English, Physical and Health Education requirements. Students may earn up to 46 hours of CLEP credits, may obtain credit or class waivers through advanced placement programs, may obtain credit by examination, or otherwise challenge any course in the curriculum.

**BUSINESS AND TRADES**

Aero Technology  
Airline Flight Attendant  
Auto Technology  
Business  
Construction Technology  
Culinary Arts  
Drafting Technology  
Graphic Arts  
Industrial Arts  
Journalism  
Marketing  
Metals Technology  
Real Estate Salesmanship  
and Brokerage  
Secretarial

**NATURAL SCIENCE**

Biology  
Botany  
Chemistry  
Geology  
Home Economics (including  
Applied Textiles)  
Mathematics  
Physics (Pre-engineering)  
Nursing

Zoology (pre dentistry, pre-  
medicine, premedical tech-  
nology, wildlife science,  
preventerinary science)

**FINE AND  
PERFORMING ARTS**

Art  
Music  
Physical Education  
Recreation  
Speech  
Theatre Arts

**HUMANITIES AND  
SOCIAL SCIENCE**

Economics  
Education  
English  
French  
Geography  
History  
Humanities  
Philosophy  
Political Science  
Psychology  
Sociology  
Spanish

**Student  
Life**

Students not living with parents or guardians are encouraged to live on campus or in college-approved housing. Campus located 300 miles south of Salt Lake City, 110 miles northeast of Las Vegas, Nevada, in a city of approximately 15,000. Yearbook, weekly newspaper, literary magazine. Major student activities and organizations: National, state, and local fraternities and clubs on campus. Major sports: football, basketball, tennis, track, rodeo. Competitive athletics for women. Automobiles allowed on campus.

**SNOW COLLEGE (1888) Ephraim**

**President: J. Marvin Higbee**

**Administrative Offices: Noyse Building, Ephraim, UT 84627**

Snow College was established as the Sanpete Stake Academy by the Church of Jesus Christ of Latter-day Saints. The name was changed to Snow Academy in 1900. Junior college instruction was first offered in 1923, and in 1933 Snow came under control of State Department of Public Instruction. In 1951, Snow became a branch of Utah State University and in 1969, a part of Utah State System of Higher Education under control of the Utah State Board of Higher Education.

**Defined  
Role**

Snow College offers opportunities for students who wish a two-year combined residential and day-student college. The system's two-year colleges are intended to serve as viable, productive, two-year colleges, providing general educational, vocational opportunities and transfer options to the four-year colleges and universities.

**Calendar**

Snow is on the quarter system. The regular session runs from late September to early June. Freshmen may enter any quarter. Associate degrees are conferred in June.

**Admission**

There is an open door admission policy. No application fee is required. Applications are received up to the day of registration. The American College Test is recommended.

**Fees**

For a resident, full-time tuition and fees are \$192 per quarter. Non-resident full-time tuition and fees is \$431 per quarter. On-campus room and board is \$570 per quarter. On-campus housing is \$245 per quarter. Married student housing is available.

**Student  
Financial  
Aid**

The following types of financial aid are available: Scholarships (deadline February 15th), Basic Educational Opportunity Grant (BEOG), National Direct Student Loan (NDSL), College Work

Study Program (CWSP), Supplemental Educational Opportunity Grant (SEOG), Utah Education Funds (UEDF) and Guaranteed Student Loans (GSL).

All programs except scholarships require the Financial Aid Form (FAF) to be processed. The Snow College Scholarship and financial aid application must be completed for all programs. The suggested financial aid application deadline is February 15. Applications received after this date are considered on a first come, first served basis, but are fully considered. Twenty-nine percent of the students received some form of aid in 1979-80. The average aid is \$1,245 and a maximum of \$3,350.

**Degree  
Requirements**

In order to obtain a degree, 96 quarter hours are required and a 1.7 average on a 4.0 scale. Following are prescribed courses: Associate in Science — Biological Sciences, English, Humanities, Physical Education, Physical Sciences, Social Sciences; for Associate in Applied Science — strong concentration in specific vocational-technical areas with modifications of the "general education" requirements of the above listed degrees. The Certificate of Completion in technical areas also is available and may be awarded at any time in an academic year that the course is completed.

**COLLEGE OF EASTERN UTAH (1937) Price**

**President: James R. Randolph**

**Administrative Offices: 400 East 400 North, Price, UT 84501**

Established by the Utah State Legislature in 1937 as Carbon College, a two-year junior college-high school, controlled by the State Board of Education. Became a branch of the University of Utah in 1959, at which time the high school moved to its new campus. In 1965 the name was changed to the College of Eastern Utah and CEU became an integral part of the Utah State System of Higher Education under control of the State Board of Regents.

**Defined  
Role**

The College of Eastern Utah is a rural community college serving a broad spectrum of people. The college provides educational opportunities of general flexible nature, with developmental, vocational, transfer and general educational opportunities and community service. Situated in a city affording special cultural advantages, populated with people of high ethical and educational standards, CEU offers outstanding opportunities as a well-integrated two-year community college.



|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Calendar</b>              | Quarter system. Regular late September to early June. Freshmen may enter September, January, and March. An increasing number of courses are being offered on an open-entry, open exit basis. Degrees conferred in June. Summer session: eight-week session, mid-June to mid-August.                                                                                                                                                                                                                                                                       |
| <b>Admission</b>             | Open-door admission policy. A five-dollar application fee is required. Applications received up to the day of registration.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Tuition and Fees</b>      | Resident: Full-time tuition and fees \$540 per school year. Non-resident: Full-time tuition and fees \$1,257 per school year. On-campus room and board \$1,680 per school year. Alternate meal plans costing less are available.                                                                                                                                                                                                                                                                                                                          |
| <b>Student Financial Aid</b> | Scholarships along with National Direct Student Loan, Supplemental Educational Opportunity Grant, Basic Educational Opportunity Grant, State Student Incentive Grants, Utah Education Fund Grants, and Student Work Study Programs are offered. Deadline for scholarship application is March 1, for all other aid, April 1. Late date for financial aid applications is August 1.<br><br>A Financial Aid Form and Basic Grant Student Eligibility Report are required for all student aid. CEU also participates in the Guaranteed Student Loan Program. |
| <b>Degree Requirements</b>   | Associate in Science, 93 quarter hours required. Physical Education, three quarter hours; nine quarter hours in each of the following: English (includes Speech), Humanities; Physical Science, Social Science, Life Science, Associate in Arts, same as A.S. with additional 15 hours in a foreign language, specific courses in voc-tech areas and general education; Associate in Applied Science, 93 quarter hours. Certificates of completion may be awarded on completion of prescribed courses. 2.0 average required for graduation.               |
| <b>Divisions</b>             | Humanities and Social Science, Natural Science, Applied Science (Vocational-Technical).                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Student Life</b>          | On-campus housing available. Campus is located in Price, a city of approximately 12,000, 120 miles from Salt Lake City. Yearbook and newspaper. Major student activities and organizations; student government, service and religious groups, speech and drama, fraternities, music. Major sports: football, basketball, baseball, track, wrestling, and extensive women's athletic program. Automobiles allowed on campus.                                                                                                                               |



## UTAH TECHNICAL COLLEGE AT PROVO (1941)

President: Wilson W. Sorensen

Administrative Offices: 1395 North 150 East, P.O. Box 1609  
Provo, Utah 84601

Four school districts in the Utah County area worked together to establish the institution as Central Utah Vocational School in 1941. Made a state institution in 1945. Authorized to award the Associate of Applied Science Degree in 1967. Full accreditation by the Northwest Association of Schools and Colleges since 1969. New Orem Campus in use beginning Fall 1976, creating a two-campus operation in Provo and Orem.

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Defined<br/>Role</b>              | Utah Technical College at Provo emphasizes vocational, technical, business, health, and paraprofessional subjects. These are combined with authorized programs in related general education, culminating in Certificates of Completion, and two year Associate of Applied Science Degrees. With short courses, regular courses, and evening courses (credit and non-credit), Utah Technical College at Provo provides significant educational training and employment opportunities. Transfer possibilities to other colleges and universities in the state are open to graduates of the Technical College. The vocational and technical training provided at Utah Technical College at Provo meets the requirements of modern business and industry, combined with essential related general education to prepare individuals for their roles as citizens, consumers, and family members. Under the Higher Education Act of 1969, this institution has taken its place as a significant element in the Utah System of Higher Education. |
| <b>Calendar</b>                      | Quarter system. Regular session late September to early June. Freshmen may enter any quarter — Fall, Winter, Spring or Summer. Degrees are awarded each quarter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Admission</b>                     | Open door admission policy. Application fee of \$10 required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tuition<br/>and Fees</b>          | Resident: Full-time tuition and fees \$513 per school year. Non-resident: Full-time tuition and fees \$1,287 per school year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Housing</b>                       | No campus housing. Community housing is available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Student<br/>Financial<br/>Aid</b> | Scholarships and tuition waivers are available. Scholarship deadlines are February 1 for incoming students (from high school), and May 1 for returning students. A BEOG/Pell Grant Form is required for Basic Educational Opportunity/Pell Grants, National Direct Student Loans, Supplemental Educational Opportunity Grants, State Student Incentive Grants, and Work Study Programs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Degree Requirements</b> | Minimum of 96 credit hours, 2.0 average on 4.0 scale required. Prescribed vocational courses and 24 hours of general education courses taken from the following areas: Humanities, Social Science, Biological and Physical Sciences, and electives.                        |
|                            | One-year and two-year Certificates of Completion are also available                                                                                                                                                                                                        |
| <b>Divisions</b>           | Schools of: Business, General Ed., and Learning Services; Technology, Health, and Transportation; and Trades, Industry and Human Services.                                                                                                                                 |
| <b>Student Life</b>        | College has a student newspaper. Activities include clubs, Associated Students, class organizations, intercollegiate and intramural sports, and physical education programs. Major sports: baseball, rodeo, and basketball. Religious facilities are convenient to campus. |
| <b>Parking</b>             | Automobiles and motorcycles with valid parking permits are allowed on campus in designated area. Bicycle racks are also provided.                                                                                                                                          |

### UTAH TECHNICAL COLLEGE AT SALT LAKE (1947)

Acting President: James R. Schnirel

Administrative Offices: 4600 South Redwood Road  
Salt Lake City, Utah 84107

Established in 1947 by the Utah Legislature as Salt Lake Area Vocational School. Name changed to Salt Lake Trade Technical Institute in 1959. The present name originated in 1967. Fully accredited by the Northwest Association of Secondary and Higher Schools.

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Defined Role</b> | Utah Technical College at Salt Lake emphasizes vocational, technical and paraprofessional subjects. These are combined with authorized programs in general education, including the two-year Associate of Applied Science degree. With short courses, evening courses — credit and non-credit — the Utah Technical Colleges provide significant educational training and employment opportunities. Transfer possibilities, especially to Weber State College and Utah State University with their four year Schools of Technology, are open to graduates of the Technical Colleges. Through individual advisement, transfer possibilities elsewhere in the System may be arranged. The Technical Colleges offer the vital technical training required for the conditions of modern life, combined with essential liberal and general education. Under the |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Higher Education Act of 1969, these institutions have taken their place as significant elements of the Utah System of Higher Education.

|                              |                                                                                                                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Calendar</b>              | Quarter system. Regular session, late September to early June. Freshmen may enter most courses any quarter. Summer session is held from mid-June to late August. Degrees conferred each quarter; graduation ceremonies in June.                                 |
| <b>Admission</b>             | Open door policy. \$10 application fee required. Applications should be received 30 days prior to enrollment.                                                                                                                                                   |
| <b>Fees</b>                  | Resident: Full-time tuition and fees \$471 per school year. Non-resident: Full-time tuition and fees \$1,245 per school year. No campus housing available.                                                                                                      |
| <b>Student Financial Aid</b> | Scholarships, along with National Direct Student Loan, Educational Opportunity Grant and College Work Study Programs are offered. Deadline for scholarship applications is March 1. Confidential Statement is required for all student federal aid.             |
| <b>Veterans Benefits</b>     | Approved by Veterans Administration for veterans, surviving children and widows, including work-study program.                                                                                                                                                  |
| <b>Divisions</b>             | Manpower Programs, Technical Occupations, Business Occupations, Service Occupations, Machine Trades, Structural Work Occupations and Apprenticeship, and Benchwork and Processing Occupations.                                                                  |
| <b>Degree Requirements</b>   | Associate of Applied Sciences: 96 quarter hours, 2.0 average required. Prescribed courses: Social Science, six hours; Physical Science, six hours; Humanities, six hours; plus composite of above, six hours. Certificate of Completion available, and Diploma. |
| <b>Student Life</b>          | Period newspaper. Major student activities and organizations: Associated Students, class organizations, variety of service and special organizations. Intramural sports only. Automobiles allowed on campus.                                                    |

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| Vocational-Technical Education       |      |
| Enrollments                          | 85   |
| Planning Levels                      | 96   |
| WICHE                                |      |
| Report                               | 26   |